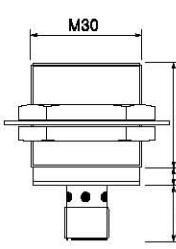
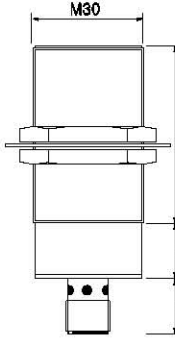
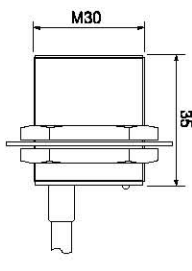
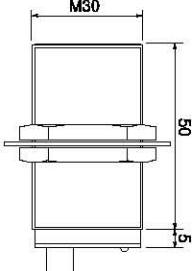
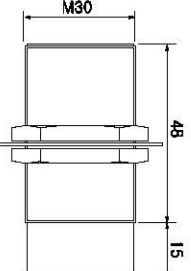


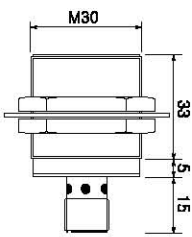
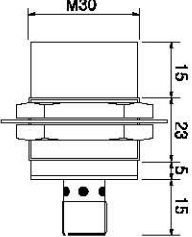
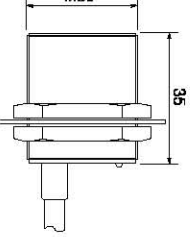
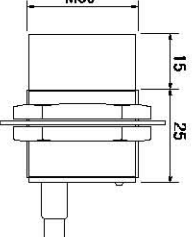
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M30		M30	
검출거리 (Switching Distance : mm)	22mm	40mm	22mm	40mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SC-30MS-22LS	SC-30M-40LS	SC-30MS-22	SC-30M-40
DC 3 wire 10-30V NPN N.C.	SC-30MSB-22LS	SC-30MB-40LS	SC-30MSB-22	SC-30MB-40
DC 3 wire 10-30V PNP N.O.	SC-30MSP-22LS	SC-30MP-40LS	SC-30MSP-22	SC-30MP-40
DC 3 wire 10-30V PNP N.C.	SC-30MSBP-22LS	SC-30MBP-40LS	SC-30MSBP-22	SC-30MBP-40
DC 2 wire 10-60V N.O.	-	-	-	-
DC 2 wire 10-60V N.C.	-	-	-	-
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질 (Housing Material)	Nickel Plated brass		Nickel Plated brass	
검출면 재질 (Material Active Face)	PBT		PBT	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	< 2.0V		< 2.0V	
응답주파수 (Switching Frequency)	300Hz	100Hz	300Hz	100Hz
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	-		-	
무게 (Weight)	approx. 111g		approx. 111g	

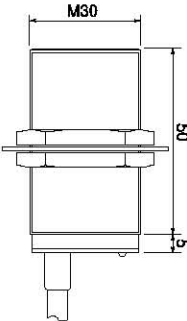
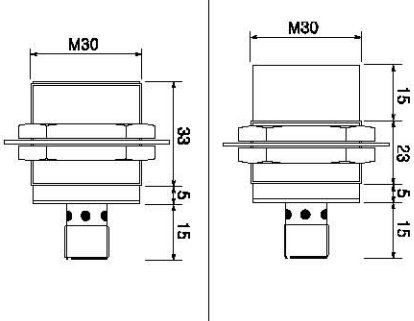
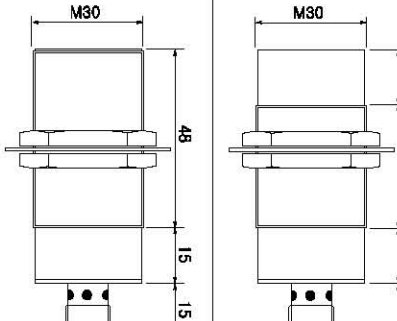
원주형 근접센서 (DC Inductive Proximity Switch)

M30		M30		M30	
22mm	40mm	22mm	40mm	16mm	25mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-30MS-22LS	SD-30M-40LS	SD-30MS-22	SD-30M-40	SC-30MS-16	SC-30M-25
SD-30MSB-22LS	SD-30MB-40LS	SD-30MSB-22	SD-30MB-40	SC-30MSB-16	SC-30MB-25
SD-30MSP-22LS	SD-30MP-40LS	SD-30MSP-22	SD-30MP-40	SC-30MSP-16	SC-30MP-25
SD-30MSBP-22LS	SD-30MBP-40LS	SD-30MSBP-22	SD-30MBP-40	SC-30MSBP-16	SC-30MBP-25
-	-	-	-	SC-30MSK-16	SC-30MK-25
-	-	-	-	SC-30MSKB-16	SC-30MKB-25
10~30VDC (Ripple $\pm 10\%$ 이내)		10~30VDC (Ripple $\pm 10\%$ 이내)		10~30VDC (Ripple $\pm 10\%$ 이내)	
Nickel Plated brass		Nickel Plated brass		Stainless Steel or Nickel Plated brass	
PBT		PBT		PBT	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
< 2.0V		< 2.0V		< 2.0V	
300Hz	100Hz	300Hz	100Hz	150Hz	100Hz
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
5.8 ϕ 3x0.5		5.8 ϕ 3x0.5		-	
approx. 180g		approx. 217g	approx. 207g	approx. 187g	approx. 179g

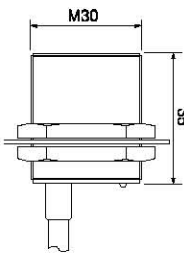
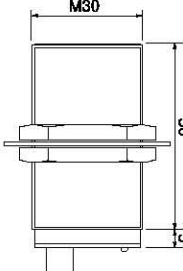
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M30		M30	
검출거리 (Switching Distance : mm)	16mm	25mm	16mm	25mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SC-30MS-16LS	SC-30M-25LS	SD-30MS-16LS	SD-30M-25LS
DC 3 wire 10-30V NPN N.C.	SC-30MSB-16LS	SC-30MB-25LS	SD-30MSB-16LS	SD-30MB-25LS
DC 3 wire 10-30V PNP N.O.	SC-30MSP-16LS	SC-30MP-25LS	SD-30MSP-16LS	SD-30MP-25LS
DC 3 wire 10-30V PNP N.C.	SC-30MSBP-16LS	SC-30MBP-25LS	SD-30MSBP-16LS	SD-30MBP-25LS
DC 2 wire 10-60V N.O.	SC-30MSK-16LS	SC-30MK-25LS	SD-30MSK-16LS	SD-30MK-25LS
DC 2 wire 10-60V N.C.	SC-30MSKB-16LS	SC-30MKB-25LS	SD-30MSKB-16LS	SD-30MKB-25LS
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질 (Housing Material)	Stainless Steel or Nickel Plated brass		Stainless Steel or Nickel Plated brass	
검출면 재질 (Material Active Face)	PBT		PBT	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	< 2.0V		< 2.0V	
응답주파수 (Switching Frequency)	150Hz	100Hz	150Hz	100Hz
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)	 		 	
케이블 (Cable 2m : PVC)	-		5.8 ϕ 3x0.5	
무게 (Weight)	approx. 187g	approx. 179g	approx. 180g	approx. 182g

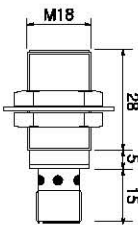
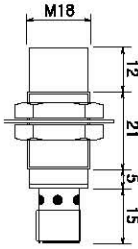
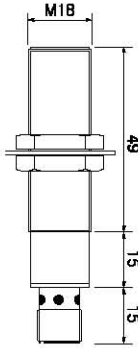
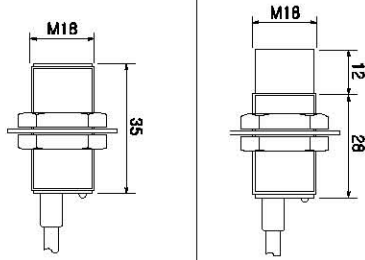
원주형 근접센서 (DC Inductive Proximity Switch)

M30		M30		M30	
16mm	25mm	10mm	15mm	10mm	15mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-30MS-16	SD-30M-25	SC-30MS-LS	SC-30M-LS	SC-30MS	SC-30M
SD-30MSB-16	SD-30MB-25	SC-30MSB-LS	SC-30MB-LS	SC-30MSB	SC-30MB
SD-30MSP-16	SD-30MP-25	SC-30MSP-LS	SC-30MP-LS	SC-30MSP	SC-30MP
SD-30MSBP-16	SD-30MBP-25	SC-30MSBP-LS	SC-30MBP-LS	SC-30MSBP	SC-30MBP
SD-30MSK-16	SD-30MK-25	SC-30MSK-LS	SC-30MK-LS	SC-30MSK	SC-30MK
SD-30MSKB-16	SD-30MKB-25	SC-30MSKB-LS	SC-30MKB-LS	SC-30MSKB	SC-30MKB
10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
Stainless Steel or Nickel Plated brass		Stainless Steel or Nickel Plated brass		Stainless Steel or Nickel Plated brass	
PBT		PBT		PBT	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
< 2.0V		< 1.5V		< 1.5V	
150Hz	100Hz	300Hz	150Hz	300Hz	150Hz
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)		-25 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)		-25 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
5.8 ϕ 3x0.5		-		-	
approx. 217g	approx. 207g	approx. 111g	approx. 121g	approx. 187g	approx. 179 g

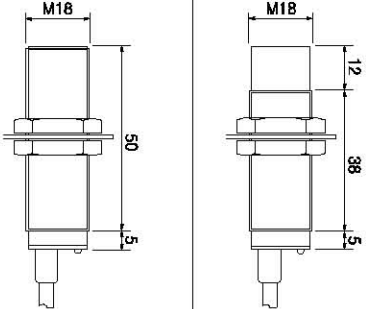
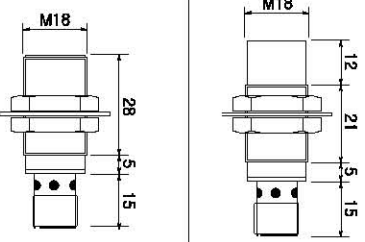
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M30		M30	
검출거리 (Switching Distance : mm)	10mm	15mm	10mm	15mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SD-30MS-LS	SD-30M-LS	SD-30MS	SD-30M
DC 3 wire 10-30V NPN N.C.	SD-30MSB-LS	SD-30MB-LS	SD-30MSB	SD-30MB
DC 3 wire 10-30V PNP N.O.	SD-30MSP-LS	SD-30MP-LS	SD-30MSP	SD-30MP
DC 3 wire 10-30V PNP N.C.	SD-30MSBP-LS	SD-30MBP-LS	SD-30MSBP	SD-30MBP
DC 2 wire 10-60V N.O.	SD-30MSK-LS	SD-30MK-LS	SD-30MSK	SD-30MK
DC 2 wire 10-60V N.C.	SD-30MSKB-LS	SD-30MKB-LS	SD-30MSKB	SD-30MKB
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질 (Housing Material)	Stainless Steel or Nickel Plated brass		Stainless Steel or Nickel Plated brass	
검출면 재질 (Material Active Face)	PBT		PBT	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	< 1.5V		< 1.5V	
응답주파수 (Switching Frequency)	300Hz	150Hz	300Hz	150Hz
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	5.8 ϕ 3x0.5		5.8 ϕ 3x0.5	
무게 (Weight)	approx. 180g	approx. 182g	approx. 217g	approx. 207g

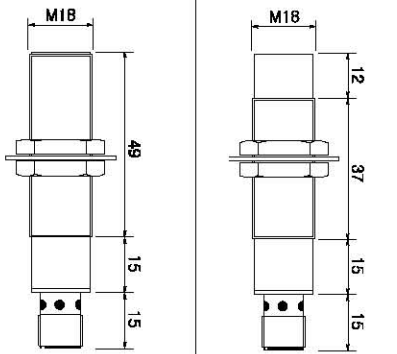
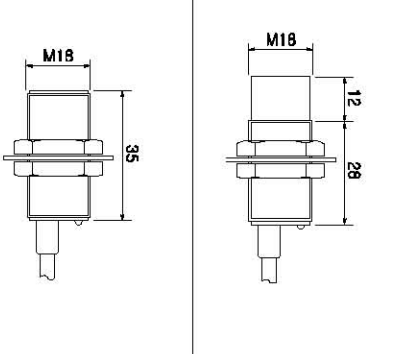
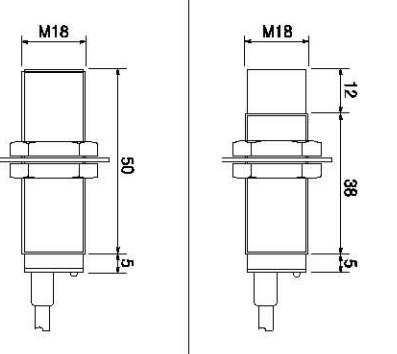
원주형근접센서(DC INDUCTIVE PROXIMITY SWITCH)

M18		M18		M18			
12mm	20mm	12mm	20mm	12mm	20mm		
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded		
SC-18MS-12LS	SC-18M-20LS	SC-18MS-12	SC-18M-20	SD-18MS-12LS	SD-18M-20LS		
SC-18MSB-12LS	SC-18MB-20LS	SC-18MSB-12	SC-18MB-20	SD-18MSB-12LS	SD-18MB-20LS		
SC-18MSP-12LS	SC-18MP-20LS	SC-18MSP-12	SC-18MP-20	SD-18MSP-12LS	SD-18MP-20LS		
SC-18MSBP-12LS	SC-18MBP-20LS	SC-18MSBP-12	SC-18MBP-20	SD-18MSBP-12LS	SD-18MBP-20LS		
-	-	-	-	-	-		
-	-	-	-	-	-		
10-30VDC (Ripple ±10% 이내)		10-30VDC (Ripple ±10% 이내)		10-30VDC (Ripple ±10% 이내)			
Nickel Plated brass		Nickel Plated brass		Nickel Plated brass			
PBT		PBT		PBT			
LED		LED		LED			
<10mA		<10mA		<10mA			
200mA		200mA		200mA			
<0.01mA		<0.01mA		<0.01mA			
< 2.0V		< 2.0V		< 2.0V			
300Hz	100Hz	300Hz	100Hz	300Hz	100Hz		
<15%(Sr)		<15%(Sr)		<15%(Sr)			
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)			
-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)			
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로			
IP67		IP67		IP67			
							
-		-		4.0 φ 3x0.15			
approx. 50 g		approx. 94g	approx. 91g	approx. 132g	approx. 134g		

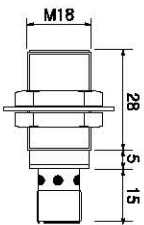
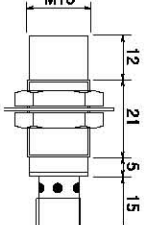
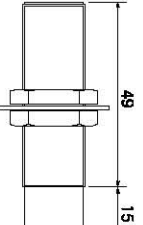
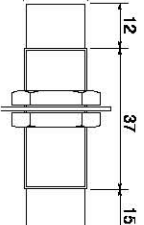
원주형근접센서(DC INDUCTIVE PROXIMITY SWITCH)

크기 (Diameter)	M18		M18	
검출거리(Switching Distance : mm)	12mm	20mm	8mm	16mm
실드/비실드(Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SD-18MS-12	SD-18M-20	SC-18MS-08LS	SC-18M-16LS
DC 3 wire 10-30V NPN N.C.	SD-18MSB-12	SD-18MB-20	SC-18MSB-08LS	SC-18MB-16LS
DC 3 wire 10-30V PNP N.O.	SD-18MSP-12	SD-18MP-20	SC-18MSP-08LS	SC-18MP-16LS
DC 3 wire 10-30V PNP N.C.	SD-18MSBP-12	SD-18MBP-20	SC-18MSBP-08LS	SC-18MBP-16LS
DC 2 wire 10-60V N.O.	-	-	SC-18MSK-08LS	SC-18MK-16LS
DC 2 wire 10-60V N.C.	-	-	SC-18MSKB-08LS	SC-18MKB-16LS
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질(Housing Material)	Nickel Plated brass		Stainless steel or Nickel plated brass	
검출면 재질(Material Active Face)	PBT		PBT	
동작표시등(Indicator)	LED		LED	
소비 전류(No Load Current)	<10mA		<10mA	
부하전류(Max. Load Current)	200mA		200mA	
누설전류(Leakage Current)	<0.01mA		<0.01mA	
잔류전압(Voltage Drop)	< 2.0V		< 2.0V	
응답주파수(Switching Frequency)	300Hz	100Hz	500Hz	150Hz
응차거리(Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도(Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도(Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분(Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	4.0 ϕ 3x0.15		-	
무게 (Weight)	approx. 153g	approx. 144g	approx. 50g	

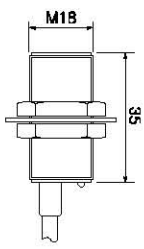
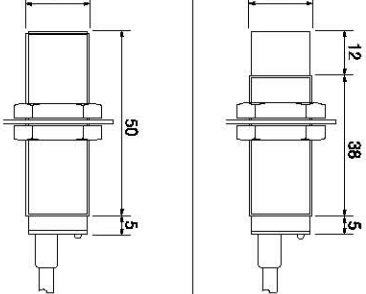
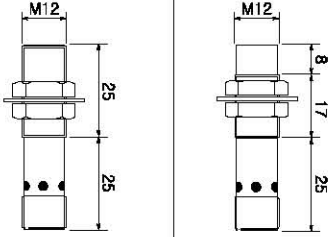
원주형 근접센서 (DC Inductive Proximity Switch)

M18		M18		M18	
8mm	16mm	8mm	16mm	8mm	16mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SC-18MS-08	SC-18M-16	SD-18MS-08LS	SD-18M-16LS	SD-18MS-08	SD-18M-16
SC-18MSB-08	SC-18MB-16	SD-18MSB-08LS	SD-18MB-16LS	SD-18MSB-08	SD-18MB-16
SC-18MSP-08	SC-18MP-16	SD-18MSP-08LS	SD-18MP-16LS	SD-18MSP-08	SD-18MP-16
SC-18MSBP-08	SC-18MBP-16	SD-18MSBP-08LS	SD-18MBP-16LS	SD-18MSBP-08	SD-18MBP-16
SC-18MSK-08	SC-18MK-16	SD-18MSK-08LS	SD-18MK-16LS	SD-18MSK-08	SD-18MK-16
SC-18MSKB-08	SC-18MKB-16	SD-18MSKB-08LS	SD-18MKB-16LS	SD-18MSKB-08	SD-18MKB-16
10~30VDC (Ripple $\pm 10\%$ 이내)		10~30VDC (Ripple $\pm 10\%$ 이내)		10~30VDC (Ripple $\pm 10\%$ 이내)	
Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass	
PBT		PBT		PBT	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
< 2.0V		< 2.0V		< 2.0V	
500Hz	150Hz	500Hz	150Hz	500Hz	150Hz
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
-		4.0 ϕ 3x0.15		4.0 ϕ 3x0.15	
approx. 94g	approx. 91g	approx. 132g	approx. 134g	approx. 153g	approx. 144g

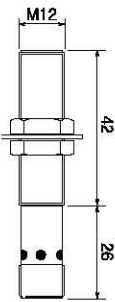
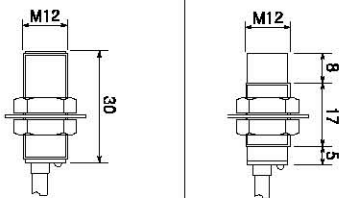
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M18		M18	
검출거리 (Switching Distance : mm)	5mm	8mm	5mm	8mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SC-18MS-LS	SC-18M-LS	SC-18MS	SC-18M
DC 3 wire 10-30V NPN N.C.	SC-18MSB-LS	SC-18MB-LS	SC-18MSB	SC-18MB
DC 3 wire 10-30V PNP N.O.	SC-18MSP-LS	SC-18MP-LS	SC-18MSP	SC-18MP
DC 3 wire 10-30V PNP N.C.	SC-18MSBP-LS	SC-18MBP-LS	SC-18MSBP	SC-18MBP
DC 2 wire 10-60V N.O.	SC-18MSK-LS	SC-18MK-LS	SC-18MSK	SC-18MK
DC 2 wire 10-60V N.C.	SC-18MSKB-LS	SC-18MKB-LS	SC-18MSKB	SC-18MKB
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질 (Housing Material)	Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass	
검출면 재질 (Material Active Face)	PBT		PBT	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	< 1.5V		< 1.5V	
응답주파수 (Switching Frequency)	1KHz	500Hz	1KHz	500Hz
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)	 		 	
케이블 (Cable 2m : PVC)	-		-	
무게 (Weight)	approx. 50g		approx. 94 g	approx. 91g

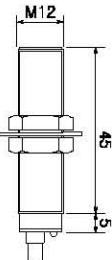
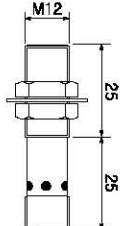
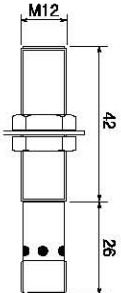
원주형 근접센서 (DC Inductive Proximity Switch)

M18		M18		M12	
5mm	8mm	5mm	8mm	6mm	10mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-18MS-LS	SD-18M-LS	SD-18MS	SD-18M	SC-12MS-06LS	SC-12M-10LS
SD-18MSB-LS	SD-18MB-LS	SD-18MSB	SD-18MB	SC-12MSB-06LS	SC-12MB-10LS
SD-18MSP-LS	SD-18MP-LS	SD-18MSP	SD-18MP	SC-12MSP-06LS	SC-12MP-10LS
SD-18MSBP-LS	SD-18MBP-LS	SD-18MSBP	SD-18MBP	SC-12MSBP-06LS	SC-12MBP-10LS
SD-18MSK-LS	SD-18MK-LS	SD-18MSK	SD-18MK	-	-
SD-18MSKB-LS	SD-18MKB-LS	SD-18MSKB	SD-18MKB	-	-
10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass		Nickel plated brass	
PBT		PBT		POM / PBT	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
< 1.5V		< 1.5V		< 2.0V	
1KHz	500Hz	1KHz	500Hz	800Hz	400Hz
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
4.0 ϕ 3x0.15		4.0 ϕ 3x0.15		-	
approx. 132g	approx. 134g	approx. 153g	approx. 144g	approx. 25g	approx. 23g

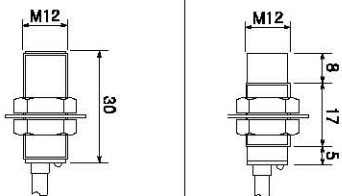
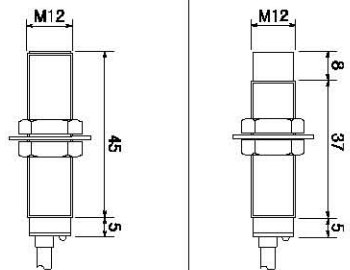
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M12		M12	
검출거리 (Switching Distance : mm)	6mm	10mm	6mm	10mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SC-12MS-06	SC-12M-10	SD-12MS-06LS	SD-12M-10LS
DC 3 wire 10-30V NPN N.C.	SC-12MSB-06	SC-12MB-10	SD-12MSB-06LS	SD-12MB-10LS
DC 3 wire 10-30V PNP N.O.	SC-12MSP-06	SC-12MP-10	SD-12MSP-06LS	SD-12MP-10LS
DC 3 wire 10-30V PNP N.C.	SC-12MSBP-06	SC-12MBP-10	SD-12MSBP-06LS	SD-12MBP-10LS
DC 2 wire 10-60V N.O.	-	-	-	-
DC 2 wire 10-60V N.C.	-	-	-	-
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질 (Housing Material)	Nickel plated brass		Nickel plated brass	
검출면 재질 (Material Active Face)	POM / PBT		POM / PBT	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	< 2.0V		< 2.0V	
응답주파수 (Switching Frequency)	800Hz	400Hz	800Hz	400Hz
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	-		4.0 ϕ 3x0.15	
무게 (Weight)	approx. 31g	approx. 30g	approx. 62g	approx. 60g

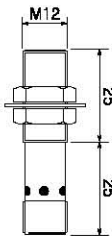
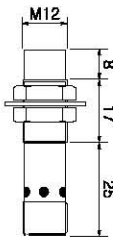
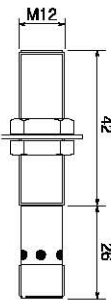
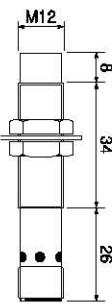
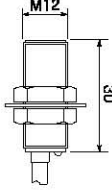
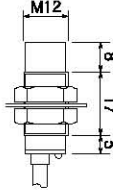
원주형 근접센서 (DC Inductive Proximity Switch)

M12		M12		M12	
6mm	10mm	4mm	8mm	4mm	8mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-12MS-06	SD-12M-10	SC-12MS-04LS	SC-12M-08LS	SC-12MS-04	SC-12M-08
SD-12MSB-06	SD-12MB-10	SC-12MSB-04LS	SC-12MB-08LS	SC-12MSB-04	SC-12MB-08
SD-12MSP-06	SD-12MP-10	SC-12MSP-04LS	SC-12MP-08LS	SC-12MSP-04	SC-12MP-08
SD-12MSBP-06	SD-12MBP-10	SC-12MSBP-04LS	SC-12MBP-08LS	SC-12MSBP-04	SC-12MBP-08
-	-	-	-	SC-12MSK-04	SC-12MK-08
-	-	-	-	SC-12MSKB-04	SC-12MKB-08
10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
Nickel plated brass		Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass	
POM / PBT		POM / PBT		POM / PBT	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
< 2.0V		< 2.0V		< 2.0V	
800Hz	400Hz	1KHz	500Hz	1KHz	500Hz
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
4.0 ϕ 3x0.15		-		-	
approx. 67g	approx. 65g	approx. 25g	approx. 23g	approx. 31g	approx. 30g

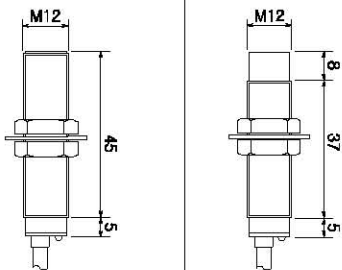
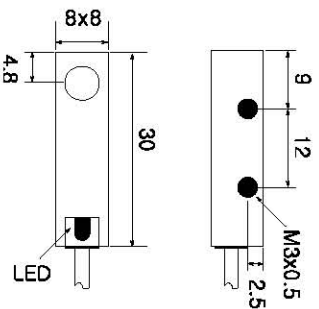
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M12		M12	
검출거리 (Switching Distance : mm)	4mm	8mm	4mm	8mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SD-12MS-04LS	SD-12M-08LS	SD-12MS-04	SD-12M-08
DC 3 wire 10-30V NPN N.C.	SD-12MSB-04LS	SD-12MB-08LS	SD-12MSB-04	SD-12MB-08
DC 3 wire 10-30V PNP N.O.	SD-12MSP-04LS	SD-12MP-08LS	SD-12MSP-04	SD-12MP-08
DC 3 wire 10-30V PNP N.C.	SD-12MSBP-04LS	SD-12MBP-08LS	SD-12MSBP-04	SD-12MBP-08
DC 2 wire 10-60V N.O.	-	-	SD-12MSK-04	SD-12MK-08
DC 2 wire 10-60V N.C.	-	-	SD-12MSKB-04	SD-12MKB-08
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질 (Housing Material)	Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass	
검출면 재질 (Material Active Face)	POM / PBT		POM / PBT	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	< 2.0V		< 2.0V	
응답주파수 (Switching Frequency)	1KHz	500Hz	1KHz	500Hz
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	4.0 ϕ 3x0.15		4.0 ϕ 3x0.15	
무게 (Weight)	approx. 62g	approx. 60g	approx. 67g	approx. 65g

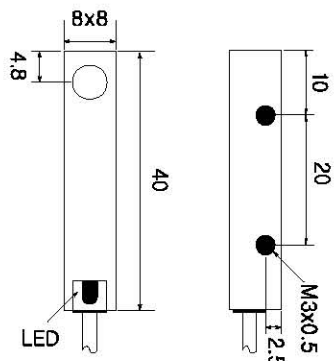
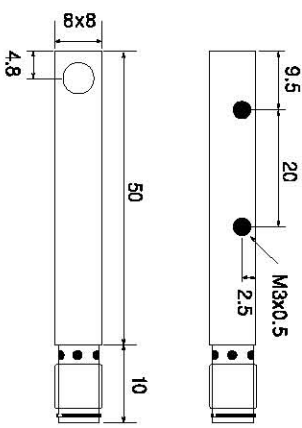
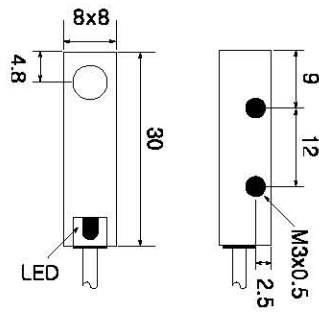
원주형 근접센서 (DC Inductive Proximity Switch)

M12		M12		M12	
2mm	4mm	2mm	4mm	2mm	4mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SC-12MS-LS	SC-12M-LS	SC-12MS	SC-12M	SD-12MS-LS	SD-12M-LS
SC-12MSB-LS	SC-12MB-LS	SC-12MSB	SC-12MB	SD-12MSB-LS	SD-12MB-LS
SC-12MSP-LS	SC-12MP-LS	SC-12MSP	SC-12MP	SD-12MSP-LS	SD-12MP-LS
SC-12MSBP-LS	SC-12MBP-LS	SC-12MSBP	SC-12MBP	SD-12MSBP-LS	SD-12MBP-LS
SC-12MSK-LS	SC-12MK-LS	SC-12MSK	SC-12MK	SD-12MSK-LS	SD-12MK-LS
SC-12MSKB-LS	SC-12MKB-LS	SC-12MSKB	SC-12MKB	SD-12MSKB-LS	SD-12MKB-LS
10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass	
POM / PBT		POM / PBT		POM / PBT	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
< 1.5V		< 1.5V		< 1.5V	
2KHz	1KHz	2KHz	1KHz	2KHz	1KHz
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
					
-		-		4.0 ϕ 3x0.15	
approx. 25g	approx. 23g	approx. 31g	approx. 30g	approx. 62g	approx. 60g

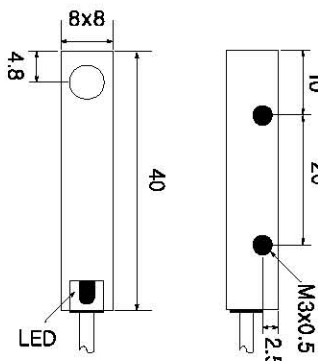
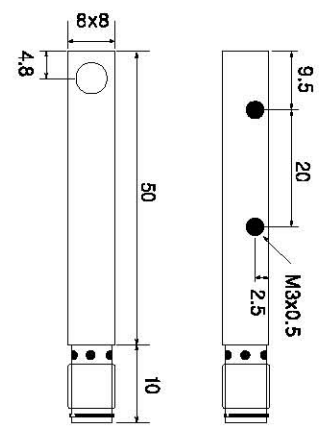
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M12		Q8
검출거리 (Switching Distance : mm)	2mm	4mm	3mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded
DC 3 wire 10-30V NPN N.O.	SD-12MS	SD-12M	SQ-8FS-3DNLS
DC 3 wire 10-30V NPN N.C.	SD-12MSB	SD-12MB	SQ-8FS-3DNBLS
DC 3 wire 10-30V PNP N.O.	SD-12MSP	SD-12MP	SQ-8FS-3DPLS
DC 3 wire 10-30V PNP N.C.	SD-12MSBP	SD-12MBP	SQ-8FS-3DPBLS
DC 2 wire 10-60V N.O.	SD-12MSK	SD-12MK	-
DC 2 wire 10-60V N.C.	SD-12MSKB	SD-12MKB	-
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)
재질 (Housing Material)	Stainless steel or Nickel plated brass		Nickel Plated brass
검출면 재질 (Material Active Face)	POM / PBT		POM
동작표시등 (Indicator)	LED		LED
소비 전류 (No Load Current)	<10mA		<10mA
부하전류 (Max. Load Current)	200mA		200mA
누설전류 (Leakage Current)	<0.01mA		<0.01mA
잔류전압 (Voltage Drop)	< 1.5V		< 2.0V
응답주파수 (Switching Frequency)	2KHz	1KHz	1KHz
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로
보호구분 (Protection Category)	IP67		IP67
외형 (Dimensions : mm)			
케이블 (Cable 2m : PVC)	4.0 ϕ 3x0.15		3 ϕ 3x0.15
무게 (Weight)	approx. 67g	approx. 65g	approx. 38g

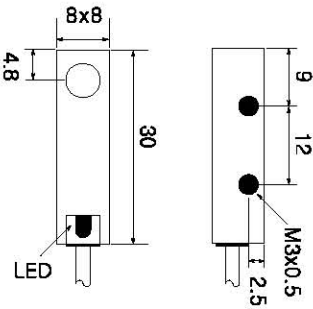
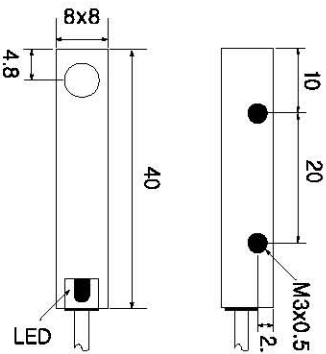
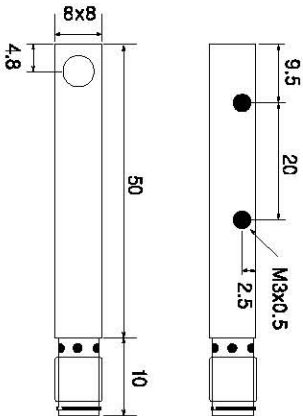
원주형 근접센서 (DC Inductive Proximity Switch)

Q8	Q8	Q8
3mm	3mm	2mm
Shielded	Shielded	Shielded
SQ-8FS-3DN	SQCH-8FS-3DN	SQ-8FS-2DNLS
SQ-8FS-3DNB	SQCH-8FS-3DNB	SQ-8FS-2DNBLS
SQ-8FS-3DP	SQCH-8FS-3DP	SQ-8FS-2DPLS
SQ-8FS-3DPB	SQCH-8FS-3DPB	SQ-8FS-2DPBLS
-	-	-
-	-	-
10~30VDC (Ripple $\pm 10\%$ 이내)	10~30VDC (Ripple $\pm 10\%$ 이내)	10~30VDC (Ripple $\pm 10\%$ 이내)
Nickel Plated brass	Nickel Plated brass	Nickel Plated brass
POM	POM	POM
LED	LED	LED
<10mA	<10mA	<10mA
200mA	200mA	200mA
<0.01mA	<0.01mA	<0.01mA
< 2.0V	< 2.0V	<1.5V
1KHz	1KHz	2KHz
<15%(Sr)	<15%(Sr)	<15%(Sr)
<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)
단락보호회로, 전원역접속보호회로	단락보호회로, 전원역접속보호회로	단락보호회로, 전원역접속보호회로
IP67	IP67	IP67
		
3 ϕ 3x0.15	-	3 ϕ 3x0.15
approx. 38g	approx. 38g	approx. 38g

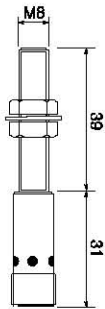
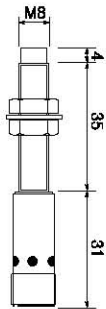
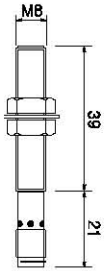
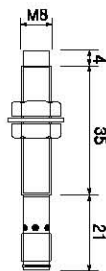
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	Q8	Q8
검출거리 (Switching Distance : mm)	2mm	2mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Shielded
DC 3 wire 10-30V NPN N.O.	SQ-8FS-2DN	SQCH-8FS-2DN
DC 3 wire 10-30V NPN N.C.	SQ-8FS-2DNB	SQCH-8FS-2DNB
DC 3 wire 10-30V PNP N.O.	SQ-8FS-2DP	SQCH-8FS-2DP
DC 3 wire 10-30V PNP N.C.	SQ-8FS-2DPB	SQCH-8FS-2DPB
DC 2 wire 10-60V N.O.	-	-
DC 2 wire 10-60V N.C.	-	-
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)	10-30VDC (Ripple $\pm 10\%$ 이내)
재질 (Housing Material)	Nickel Plated brass	Nickel Plated brass
검출면 재질 (Material Active Face)	POM	POM
동작표시등 (Indicator)	LED	LED
소비 전류 (No Load Current)	<10mA	<10mA
부하전류 (Max. Load Current)	200mA	200mA
누설전류 (Leakage Current)	<0.01mA	<0.01mA
잔류전압 (Voltage Drop)	<1.5V	<1.5V
응답주파수 (Switching Frequency)	2KHz	2KHz
응차거리 (Switching Hysteresis)	<15%(Sr)	<15%(Sr)
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)	<1.0%(Sr)
사용온도 (Operating Temperature)	-25 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)	-25 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로	단락보호회로, 전원역접속보호회로
보호구분 (Protection Category)	IP67	IP67
외형 (Dimensions : mm)		
케이블 (Cable 2m : PVC)	3 ϕ 3x0.15	-
무게 (Weight)	approx. 38g	approx. 38g

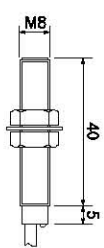
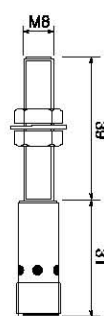
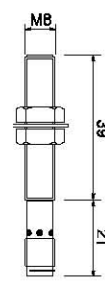
원주형 근접센서 (DC Inductive Proximity Switch)

Q8	Q8	Q8
1.5mm	1.5mm	1.5mm
Shielded	Shielded	Shielded
SQ-8FS-1.5DNLS	SQ-8FS-1.5DN	SQCH-8FS-1.5DN
SQ-8FS-1.5DNBLS	SQ-8FS-1.5DNB	SQCH-8FS-1.5DNB
SQ-8FS-1.5DPLS	SQ-8FS-1.5DP	SQCH-8FS-1.5DP
SQ-8FS-1.5DPBLS	SQ-8FS-1.5DPB	SQCH-8FS-1.5DPB
-	-	-
-	-	-
10-30VDC (Ripple $\pm 10\%$ 이내)	10-30VDC (Ripple $\pm 10\%$ 이내)	10-30VDC (Ripple $\pm 10\%$ 이내)
Nickel Plated brass	Nickel Plated brass	Nickel Plated brass
POM	POM	POM
LED	LED	LED
<10mA	<10mA	<10mA
200mA	200mA	200mA
<0.01mA	<0.01mA	<0.01mA
<1.5V	<1.5V	<1.5V
2KHz	2KHz	2KHz
<15%(Sr)	<15%(Sr)	<15%(Sr)
<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)
단락보호회로, 전원역접속보호회로	단락보호회로, 전원역접속보호회로	단락보호회로, 전원역접속보호회로
IP67	IP67	IP67
		
3 ϕ 3x0.15	3 ϕ 3x0.15	-
approx. 38g	approx. 38g	approx. 38g

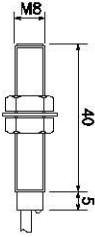
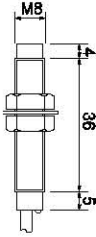
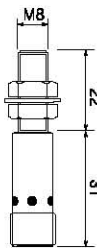
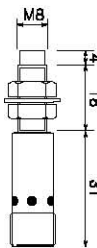
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M 8		M 8	
검출거리 (Switching Distance : mm)	3mm	6mm	3mm	6mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-030V NPN N.O.	SC-8MS-03	SC-8M-06	SCH-8MS-03	SCH-8M-06
DC 3 wire 10-030V NPN N.C.	SC-8MSB-03	SC-8MB-06	SCH-8MSB-03	SCH-8MB-06
DC 3 wire 10-030V PNP N.O.	SC-8MSP-03	SC-8MP-06	SCH-8MSP-03	SCH-8MP-06
DC 3 wire 10-030V PNP N.C.	SC-8MSBP-03	SC-8MBP-06	SCH-8MSBP-03	SCH-8MBP-06
DC 2 wire 10-60V N.O.	-	-	-	-
DC 2 wire 10-60V N.C.	-	-	-	-
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질 (Housing Material)	Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass	
검출면 재질 (Material Active Face)	POM		POM	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	< 2.0V		< 2.0V	
응답주파수 (Switching Frequency)	1KHz	500Hz	1KHz	500Hz
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)	 		 	
케이블 (Cable 2m : PVC)	-		-	
무게 (Weight)	approx. 22g		approx. 15g	

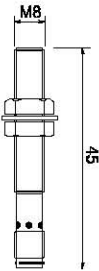
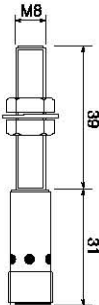
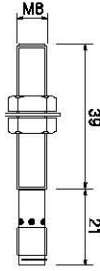
원주형 근접센서 (DC Inductive Proximity Switch)

M 8		M 8		M 8	
3mm	6mm	2mm	4mm	2mm	4mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-8MS-03L45	SD-8M-06L45	SC-8MS-02	SC-8M-04	SCH-8MS-02	SCH-8M-04
SD-8MSB-03L45	SD-8MB-06L45	SC-8MSB-02	SC-8MB-04	SCH-8MSB-02	SCH-8MB-04
SD-8MSP-03L45	SD-8MP-06L45	SC-8MSP-02	SC-8MP-04	SCH-8MSP-02	SCH-8MP-04
SD-8MSBP-03L45	SD-8MBP-06L45	SC-8MSBP-02	SC-8MBP-04	SCH-8MSBP-02	SCH-8MBP-04
-	-	-	-	-	-
-	-	-	-	-	-
10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass		Stainless steel	
POM		POM		POM	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
< 2.0V		<1.5V		<1.5V	
1KHz	500Hz	2KHz	1KHz	2KHz	1KHz
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
3.0 ϕ 3x0.15		-		-	
approx. 40g		approx. 22g		approx. 15g	

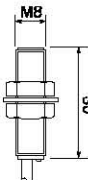
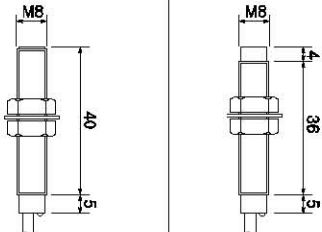
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M 8		M 8	
검출거리 (Switching Distance : mm)	2mm	4mm	1.5mm	2mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SD-8MS-02L45	SD-8M-04L45	SC-8MS-LS	SC-8M-LS
DC 3 wire 10-30V NPN N.C.	SD-8MSB-02L45	SD-8MB-04L45	SC-8MSB-LS	SC-8MB-LS
DC 3 wire 10-30V PNP N.O.	SD-8MSP-02L45	SD-8MP-04L45	SC-8MSP-LS	SC-8MP-LS
DC 3 wire 10-30V PNP N.C.	SD-8MSBP-02L45	SD-8MBP-04L45	SC-8MSBP-LS	SC-8MBP-LS
DC 2 wire 10-60V N.O.	-	-	-	-
DC 2 wire 10-60V N.C.	-	-	-	-
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질 (Housing Material)	Stainless steel		Stainless steel or Nickel plated brass	
검출면 재질 (Material Active Face)	POM		POM	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	<1.5V		<1.5V	
응답주파수 (Switching Frequency)	2KHz	1KHz	2KHz	
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)	 		 	
케이블 (Cable 2m : PVC)	3.0 ϕ 3x0.15		-	
무게 (Weight)	approx. 40g		approx. 17g	

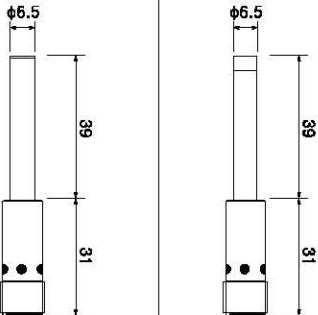
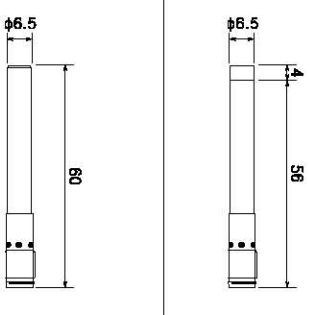
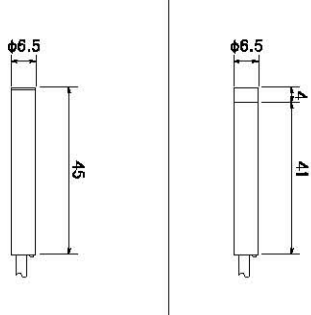
원주형 근접센서 (DC Inductive Proximity Switch)

M 8		M 8		M 8	
1.5mm	2mm	1.5mm	2mm	1.5mm	2mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SCH-8MS-LS	SCH-8M-LS	SC-8MS	SC-8M	SCH-8MS	SCH-8M
SCH-8MSB-LS	SCH-8MB-LS	SC-8MSB	SC-8MB	SCH-8MSB	SCH-8MB
SCH-8MSP-LS	SCH-8MP-LS	SC-8MSP	SC-8MP	SCH-8MSP	SCH-8MP
SCH-8MSBP-LS	SCH-8MBP-LS	SC-8MSBP	SC-8MBP	SCH-8MSBP	SCH-8MBP
-	-	SC-8MSK	SC-8MK	SCH-8MSK	SCH-8MK
-	-	SC-8MSKB	SC-8MKB	SCH-8MSKB	SCH-8MKB
10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
Stainless steel		Stainless steel or Nickel plated brass		Stainless steel	
POM		POM		POM	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<1.5V		<1.5V	
2KHz		2KHz		2KHz	
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
-		-		-	
approx. 12g		approx. 22g		approx. 15g	

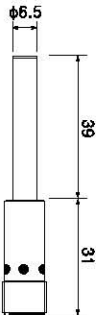
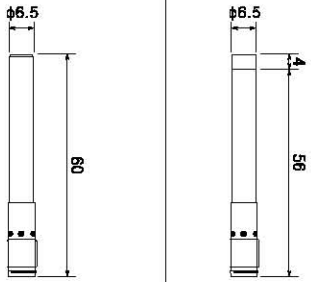
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	M 8		M 8	
검출거리 (Switching Distance : mm)	1.5mm	2mm	1.5mm	2mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SD-8MS	SD-8M	SD-8MS-L45	SD-8M-L45
DC 3 wire 10-30V NPN N.C.	SD-8MSB	SD-8MB	SD-8MSB-L45	SD-8MB-L45
DC 3 wire 10-30V PNP N.O.	SD-8MSP	SD-8MP	SD-8MSP-L45	SD-8MP-L45
DC 3 wire 10-30V PNP N.C.	SD-8MSBP	SD-8MBP	SD-8MSBP-L45	SD-8MBP-L45
DC 2 wire 10-60V N.O.	-	-	SD-8MSK-L45	SD-8MK-L45
DC 2 wire 10-60V N.C.	-	-	SD-8MSKB-L45	SD-8MKB-L45
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)		10-30VDC (Ripple $\pm 10\%$ 이내)	
재질 (Housing Material)	Stainless steel		Stainless steel	
검출면 재질 (Material Active Face)	POM		POM	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	<1.5V		<1.5V	
응답주파수 (Switching Frequency)	2KHz		2KHz	
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	3.0 ϕ 3x0.15		3.0 ϕ 3x0.15	
무게 (Weight)	approx. 47g			

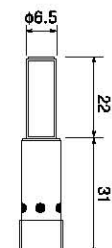
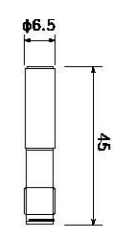
원주형 근접센서 (DC Inductive Proximity Switch)

φ 6.5		φ 6.5		φ 6.5	
3mm	6mm	3mm	6mm	3mm	6mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SC-6RS-03	SC-6R-06	SCH-6RS-03	SCH-6R-06	SD-6RS-03	SD-6R-06
SC-6RSB-03	SC-6RB-06	SCH-6RSB-03	SCH-6RB-06	SD-6RSB-03	SD-6RB-06
SC-6RSP-03	SC-6RP-06	SCH-6RSP-03	SCH-6RP-06	SD-6RSP-03	SD-6RP-06
SC-6RSBP-03	SC-6RBP-06	SCH-6RSBP-03	SCH-6RBP-06	SD-6RSBP-03	SD-6RBP-06
-	-	-	-	-	-
-	-	-	-	-	-
10-30VDC (Ripple ±10% 이내)		10-30VDC (Ripple ±10% 이내)		10-30VDC (Ripple ±10% 이내)	
Nickel plated brass		Nickel plated brass		Nickel plated brass	
POM		POM		POM	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
< 2.0V		< 2.0V		< 2.0V	
1KHz	500Hz	1KHz	500Hz	1KHz	500Hz
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
-		-		3.0 φ 3x0.15	
approx. 17g	approx. 16g	approx. 17g	approx. 16g	approx. 36g	

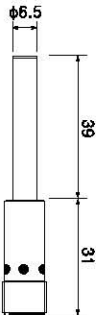
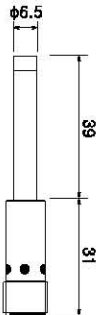
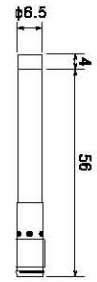
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	φ 6.5		φ 6.5	
검출거리 (Switching Distance : mm)	2mm	4mm	2mm	4mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-030V NPN N.O.	SC-6RS-02	SC-6R-04	SCH-6RS-02	SCH-6R-04
DC 3 wire 10-030V NPN N.C.	SC-6RSB-02	SC-6RB-04	SCH-6RSB-02	SCH-6RB-04
DC 3 wire 10-030V PNP N.O.	SC-6RSP-02	SC-6RP-04	SCH-6RSP-02	SCH-6RP-04
DC 3 wire 10-030V PNP N.C.	SC-6RSBP-02	SC-6RBP-04	SCH-6RSBP-02	SCH-6RBP-04
DC 2 wire 10-60V N.O.	-	-	-	-
DC 2 wire 10-60V N.C.	-	-	-	-
전원 (Operating Voltage)	10-30VDC (Ripple ±10% 이내)		10-30VDC (Ripple ±10% 이내)	
재질 (Housing Material)	Stainless steel or Nickel plated brass		Stainless steel or Nickel plated brass	
검출면 재질 (Material Active Face)	POM		POM	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	<1.5V		<1.5V	
응답주파수 (Switching Frequency)	2KHz	1KHz	2KHz	1KHz
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	-		-	
무게 (Weight)	approx. 25g		approx. 17g	

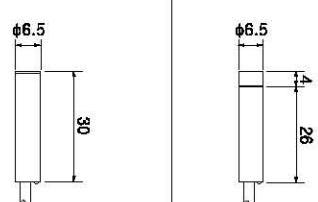
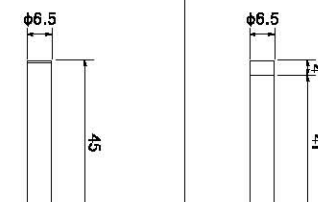
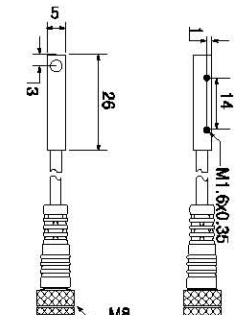
원주형 근접센서 (DC Inductive Proximity Switch)

φ 6.5		φ 6.5		φ 6.5	
2mm	4mm	1.5mm	2mm	1.5mm	2mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-6RS-02	SD-6R-04	SC-6RS-LS	SC-6R-LS	SCH-6RS-LS	SCH-6R-LS
SD-6RSB-02	SD-6RB-04	SC-6RSB-LS	SC-6RB-LS	SCH-6RSB-LS	SCH-6RB-LS
SD-6RSP-02	SD-6RP-04	SC-6RSP-LS	SC-6RP-LS	SCH-6RSP-LS	SCH-6RP-LS
SD-6RSBP-02	SD-6RBP-04	SC-6RSBP-LS	SC-6RBP-LS	SCH-6RSBP-LS	SCH-6RBP-LS
-	-	-	-	-	-
-	-	-	-	-	-
10~30VDC (Ripple ±10% 이내)		10~30VDC (Ripple ±10% 이내)		10~30VDC (Ripple ±10% 이내)	
Stainless steel or Nickel plated brass		Stainless steel		Stainless steel	
POM		POM		POM	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<1.5V		<1.5V	
2KHz	1KHz	2KHz		2KHz	
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
3.0 φ 3x0.15		-		-	
approx. 36g		approx. 20g		approx. 14 g	

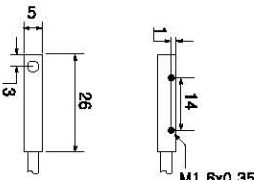
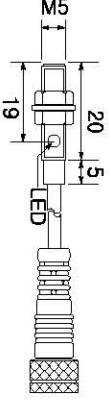
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	φ 6.5		φ 6.5	
검출거리 (Switching Distance : mm)	1.5mm	2mm	1.5mm	2mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-030V NPN N.O.	SC-6RS	SC-6R	SCH-6RS	SCH-6R
DC 3 wire 10-030V NPN N.C.	SC-6RSB	SC-6RB	SCH-6RSB	SCH-6RB
DC 3 wire 10-030V PNP N.O.	SC-6RSP	SC-6RP	SCH-6RSP	SCH-6RP
DC 3 wire 10-030V PNP N.C.	SC-6RSBP	SC-6RBP	SCH-6RSBP	SCH-6RBP
DC 2 wire 10-60V N.O.	SC-6RSK	SC-6RK	SCH-6RSK	SCH-6RK
DC 2 wire 10-60V N.C.	SC-6RSKB	SC-6RKB	SCH-6RSKB	SCH-6RKB
전원 (Operating Voltage)	10-30VDC (Ripple ±10% 이내)		10-30VDC (Ripple ±10% 이내)	
재질 (Housing Material)	Stainless steel		Stainless steel	
검출면 재질 (Material Active Face)	POM		POM	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<10mA		<10mA	
부하전류 (Max. Load Current)	200mA		200mA	
누설전류 (Leakage Current)	<0.01mA		<0.01mA	
잔류전압 (Voltage Drop)	<1.5V		<1.5V	
응답주파수 (Switching Frequency)	2KHz		2KHz	
응차거리 (Switching Hysteresis)	<15%(Sr)		<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)		<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)	 		 	
케이블 (Cable 2m : PVC)	-		-	
무게 (Weight)	approx. 25 g		approx. 17 g	approx. 16 g

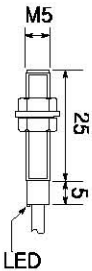
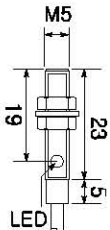
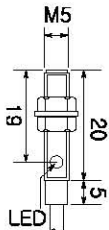
원주형 근접센서 (DC Inductive Proximity Switch)

φ 6.5		φ 6.5		Q5
1.5mm	2mm	1.5mm	2mm	0.8 mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded
SD-6RS-LS	SD-6R-LS	SD-6RS	SD-6R	SQCH-5FS-0.8DN
SD-6RSB-LS	SD-6RB-LS	SD-6RSB	SD-6RB	SQCH-5FS-0.8DNB
SD-6RSP-LS	SD-6RP-LS	SD-6RSP	SD-6RP	SQCH-5FS-0.8DP
SD-6RSBP-LS	SD-6RBP-LS	SD-6RSBP	SD-6RBP	SQCH-5FS-0.8DPB
-	-	SD-6RSK	SD-6RK	-
-	-	SD-6RSKB	SD-6RKB	-
10~30VDC (Ripple ±10% 이내)		10~30VDC (Ripple ±10% 이내)		10~30VDC (Ripple ±10% 이내)
Stainless steel		Stainless steel		Nickel Plated Brass
POM		POM		POM
LED		LED		LED
<10mA		<10mA		<10mA
200mA		200mA		200mA
<0.01mA		<0.01mA		<0.01mA
<1.5V		<1.5V		<1.5V
2KHz		2KHz		2KHz
<15%(Sr)		<15%(Sr)		<15%(Sr)
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)
-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)		-25 ℃ ~ +70 ℃ (±10% 이내)
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로
IP67		IP67		IP67
				
3.0 φ 3x0.15		3.0 φ 3x0.15		2.3 φ 3x0.15
approx. 40 g		approx. 36 g		approx. 30 g

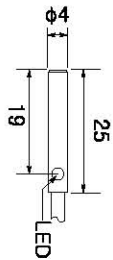
원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	Q5	M5
검출거리 (Switching Distance : mm)	0.8 mm	0.8 mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Shielded
DC 3 wire 10-30V NPN N.O.	SQ-5FS-0.8DN	SCH-5MS
DC 3 wire 10-30V NPN N.C.	SQ-5FS-0.8DNB	SCH-5MSB
DC 3 wire 10-30V PNP N.O.	SQ-5FS-0.8DP	SCH-5MSP
DC 3 wire 10-30V PNP N.C.	SQ-5FS-0.8DPB	SCH-5MSBP
DC 2 wire 10-60V N.O.	-	-
DC 2 wire 10-60V N.C.	-	-
전원 (Operating Voltage)	10-30VDC (Ripple $\pm 10\%$ 이내)	10-30VDC (Ripple $\pm 10\%$ 이내)
재질 (Housing Material)	Nickel Plated Brass	Stainless steel
검출면 재질 (Material Active Face)	POM	POM
동작표시등 (Indicator)	LED	LED
소비 전류 (No Load Current)	<10mA	<10mA
부하전류 (Max. Load Current)	200mA	200mA
누설전류 (Leakage Current)	<0.01mA	<0.01mA
잔류전압 (Voltage Drop)	<1.5V	<1.5V
응답주파수 (Switching Frequency)	2KHz	2KHz
응차거리 (Switching Hysteresis)	<15%(Sr)	<15%(Sr)
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)	<1.0%(Sr)
사용온도 (Operating Temperature)	-25 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)	-25 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로	단락보호회로, 전원역접속보호회로
보호구분 (Protection Category)	IP67	IP67
외형 (Dimensions : mm)		
케이블 (Cable 2m : PVC)	2.3 ϕ 3x0.15	-
무게 (Weight)	approx. 30 g	approx. 14 g

원주형 근접센서 (DC Inductive Proximity Switch)

M5	M5	M5
0.8 mm	0.8 mm	0.8 mm
Shielded	Shielded	Shielded
SD-5MSZ	SD-5MS	SD-5MS-LS
SD-5MSZB	SD-5MSB	SD-5MS-LSB
SD-5MSZP	SD-5MSP	SD-5MS-LSP
SD-5MSZBP	SD-5MSBP	SD-5MS-LSBP
-	-	-
-	-	-
10~30VDC (Ripple $\pm 10\%$ 이내)	10~30VDC (Ripple $\pm 10\%$ 이내)	10~30VDC (Ripple $\pm 10\%$ 이내)
Stainless steel	Stainless steel	Stainless steel
POM	POM	POM
LED	LED	LED
<10mA	<10mA	<10mA
100mA	200mA	200mA
<0.01mA	<0.01mA	<0.01mA
<1.5V	<1.5V	<1.5V
2KHz	2KHz	2KHz
<15%(Sr)	<15%(Sr)	<15%(Sr)
<1.0%(Sr)	<1.0%(Sr)	<1.0%(Sr)
-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)	-25 ℃ ~ +70 ℃ ($\pm 10\%$ 이내)
전원역접속보호회로	단락보호회로, 전원역접속보호회로	단락보호회로, 전원역접속보호회로
IP67	IP67	IP67
		
2.7 ϕ 3x0.15	2.7 ϕ 3x0.15	2.7 ϕ 3x0.15
approx.25 g	approx.25 g	approx.25 g

원주형 근접센서 (DC Inductive Proximity Switch)

크기 (Diameter)	φ4	
검출거리 (Switching Distance : mm)	0.8 mm	
실드/비실드 (Shielded/Non-Shielded)	Shielded	
DC 3 wire 10-30V NPN N.O.	SD-4RS	
DC 3 wire 10-30V NPN N.C.	SD-4RSB	
DC 3 wire 10-30V PNP N.O.	SD-4RSP	
DC 3 wire 10-30V PNP N.C.	SD-4RSBP	
DC 2 wire 10-60V N.O.	-	
DC 2 wire 10-60V N.C.	-	
전원 (Operating Voltage)	10-30VDC (Ripple ±10% 이내)	
재질 (Housing Material)	Stainless steel	
검출면 재질 (Material Active Face)	POM	
동작표시등 (Indicator)	LED	
소비 전류 (No Load Current)	<10mA	
부하전류 (Max. Load Current)	200mA	
누설전류 (Leakage Current)	<0.01mA	
잔류전압 (Voltage Drop)	<1.5V	
응답주파수 (Switching Frequency)	2KHz	
응차거리 (Switching Hysteresis)	<15%(Sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(Sr)	
사용온도 (Operating Temperature)	-25 ℃ ~ +70 ℃ (±10% 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67	
외형 (Dimensions : mm)		
케이블 (Cable 2m : PVC)	2.7 φ 3x0.15	
무게 (Weight)	approx. 25 g	