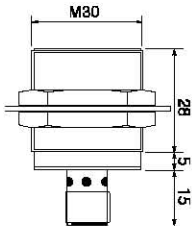
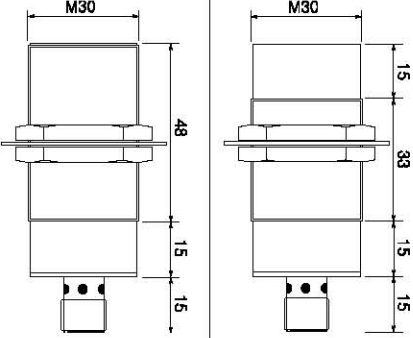
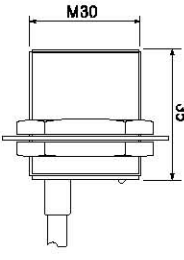
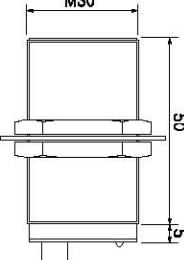
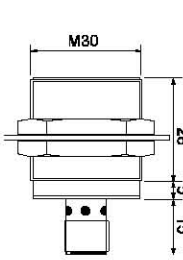


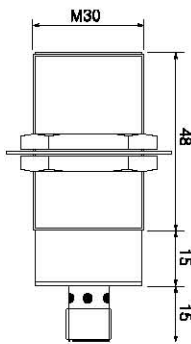
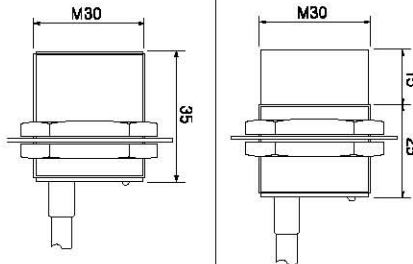
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

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-22MLS	SC-30M-40MLS	SC-30MS-22M	SC-30M-40M
DC 3 wire 10-30V NPN N.C.	SC-30MSB-22MLS	SC-30MB-40MLS	SC-30MSB-22M	SC-30MB-40M
DC 3 wire 10-30V PNP N.O.	SC-30MSP-22MLS	SC-30MP-40MLS	SC-30MSP-22M	SC-30MP-40M
DC 3 wire 10-30V PNP N.C.	SC-30MSBP-22MLS	SC-30MBP-40MLS	SC-30MSBP-22M	SC-30MBP-40M
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	
검출면 재질 (Material Active Face)	Stainless steel		Stainless steel	
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)	150Hz	100Hz	150Hz	100Hz
응차거리 (Switching Hysteresis)	<15%(sr)		<15%(sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(sr)		<1.0%(sr)	
사용온도 (Operating Temperature)	-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	-		-	
무게 (Weight)	approx. 217g	approx. 207g	approx. 187g	approx. 179g

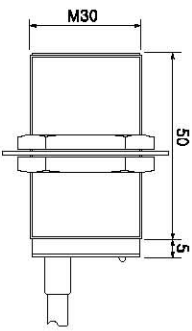
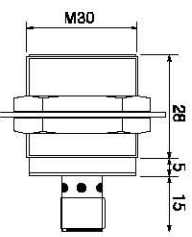
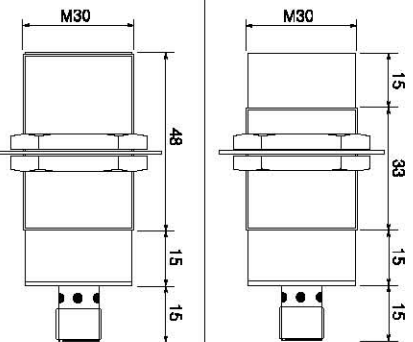
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

M30		M30		M30	
22mm	40mm	22mm	40mm	16mm	25mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-30MS-22MLS	SD-30M-40MLS	SD-30MS-22M	SD-30M-40M	SC-30MS-16MLS	SC-30M-25MLS
SD-30MSB-22MLS	SD-30MB-40MLS	SD-30MSB-22M	SD-30MB-40M	SC-30MSB-16MLS	SC-30MB-25MLS
SD-30MSP-22MLS	SD-30MP-40MLS	SD-30MSP-22M	SD-30MP-40M	SC-30MSP-16MLS	SC-30MP-25MLS
SD-30MSBP-22MLS	SD-30MBP-40MLS	SD-30MSBP-22M	SD-30MBP-40M	SC-30MSBP-16MLS	SC-30MBP-25MLS
-	-	-	-	-	-
-	-	-	-	-	-
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<1.5V		<1.5V	
150Hz	100Hz	150Hz	100Hz	150Hz	100Hz
<15%(sr)		<15%(sr)		<15%(sr)	
<1.0%(sr)		<1.0%(sr)		<1.0%(sr)	
-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
5.8 ϕ 3x0.5		5.8 ϕ 3x0.5		-	
approx. 180g	approx. 182g	approx. 217g	approx. 207g	approx. 217g	approx. 207g

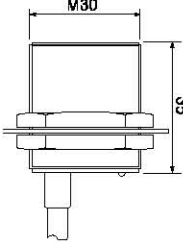
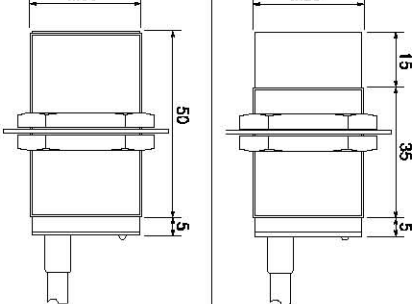
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

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-16M	SC-30M-25M	SD-30MS-16MLS	SD-30M-25MLS
DC 3 wire 10-30V NPN N.C.	SC-30MSB-16M	SC-30MB-25M	SD-30MSB-16MLS	SD-30MB-25MLS
DC 3 wire 10-30V PNP N.O.	SC-30MSP-16M	SC-30MP-25M	SD-30MSP-16MLS	SD-30MP-25MLS
DC 3 wire 10-30V PNP N.C.	SC-30MSBP-16M	SC-30MBP-25M	SD-30MSBP-16MLS	SD-30MBP-25MLS
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	
검출면 재질 (Material Active Face)	Stainless steel		Stainless steel	
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)	150Hz	100Hz	150Hz	100Hz
응차거리 (Switching Hysteresis)	<15%(sr)		<15%(sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(sr)		<1.0%(sr)	
사용온도 (Operating Temperature)	-25 $^{\circ}$ C ~ +75 $^{\circ}$ C ($\pm 10\%$ 이내)		-25 $^{\circ}$ C ~ +75 $^{\circ}$ C ($\pm 10\%$ 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

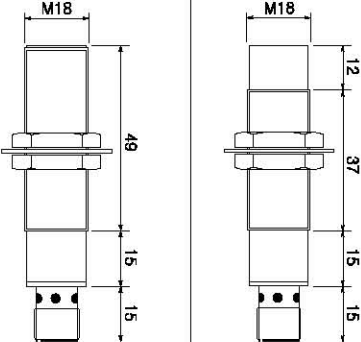
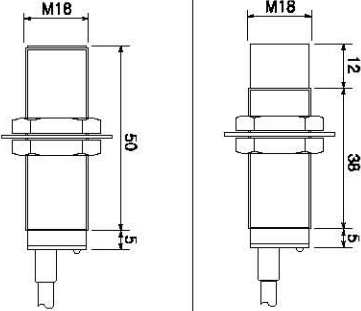
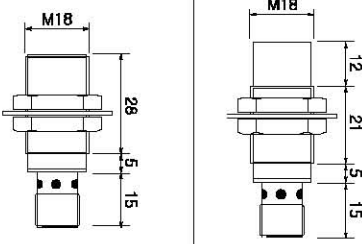
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

M30		M30		M30	
16mm	25mm	10mm	15mm	10mm	15mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-30MS-16M	SD-30M-25M	SC-30MS-MLS	SC-30M-MLS	SC-30MS-M	SC-30M-M
SD-30MSB-16M	SD-30MB-25M	SC-30MSB-MLS	SC-30MB-MLS	SC-30MSB-M	SC-30MB-M
SD-30MSP-16M	SD-30MP-25M	SC-30MSP-MLS	SC-30MP-MLS	SC-30MSP-M	SC-30MP-M
SD-30MSBP-16M	SD-30MBP-25M	SC-30MSBP-MLS	SC-30MBP-MLS	SC-30MSBP-M	SC-30MBP-M
-	-	SC-30MSK-MLS	SC-30MK-MLS	SC-30MSK-M	SC-30MK-M
-	-	SC-30MSKB-MLS	SC-30MKB-MLS	SC-30MSKB-M	SC-30MKB-M
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<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 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
5.8 ϕ 3x0.5		-		-	
approx.217g	approx.207g	approx.217g	approx.207g	approx.187g	approx.179g

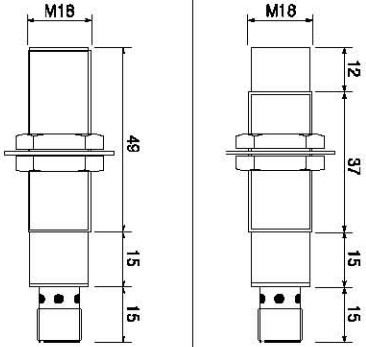
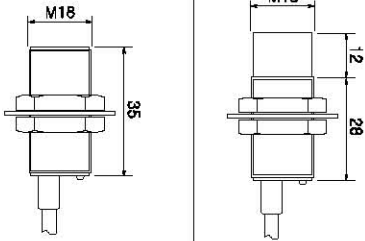
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

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-MLS	SD-30M-MLS	SD-30MS-M	SD-30M-M
DC 3 wire 10-30V NPN N.C.	SD-30MSB-MLS	SD-30MB-MLS	SD-30MSB-M	SD-30MB-M
DC 3 wire 10-30V PNP N.O.	SD-30MSP-MLS	SD-30MP-MLS	SD-30MSP-M	SD-30MP-M
DC 3 wire 10-30V PNP N.C.	SD-30MSBP-MLS	SD-30MBP-MLS	SD-30MSBP-M	SD-30MBP-M
DC 2 wire 10-60V N.O.	SD-30MSK-MLS	SD-30MK-MLS	SD-30MSK-M	SD-30MK-M
DC 2 wire 10-60V N.C.	SD-30MSKB-MLS	SD-30MKB-MLS	SD-30MSKB-M	SD-30MKB-M
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)	Stainless steel		Stainless steel	
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 $^{\circ}\text{C}$ ~ +75 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)		-25 $^{\circ}\text{C}$ ~ +75 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	5.8 ϕ 3x0.5		5.8 ϕ 3x0.5	
무게 (Weight)	approx. 180g	approx. 182g	approx. 217g	approx. 207g

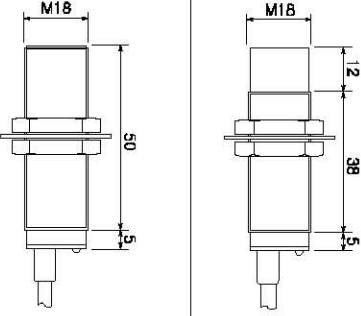
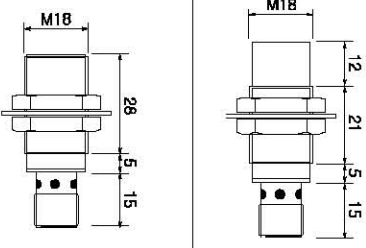
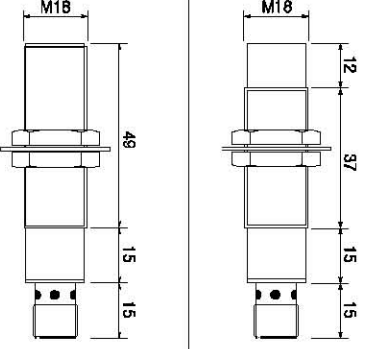
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

M18		M18		M18	
12mm	20mm	12mm	20mm	8mm	16mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SC-18MS-12M	SC-18M-20M	SD-18MS-12M	SD-18M-20M	SC-18MS-8MLS	SC-18M-16MLS
SC-18MSB-12M	SC-18MB-20M	SD-18MSB-12M	SD-18MB-20M	SC-18MSB-8MLS	SC-18MB-16MLS
SC-18MSP-12M	SC-18MP-20M	SD-18MSP-12M	SD-18MP-20M	SC-18MSP-8MLS	SC-18MP-16MLS
SC-18MSBP-12M	SC-18MBP-20M	SD-18MSBP-12M	SD-18MBP-20M	SC-18MSBP-8MLS	SC-18MBP-16MLS
-	-	-	-	-	-
-	-	-	-	-	-
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<1.5V		<1.5V	
300Hz	100Hz	300Hz	100Hz	500Hz	150Hz
<15%(sr)		<15%(sr)		<15%(sr)	
<1.0%(sr)		<1.0%(sr)		<1.0%(sr)	
-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
-		4.0 ϕ 3x.0.15		-	
approx. 94g	approx. 91g	approx. 153g	approx. 144g	approx. 50 g	

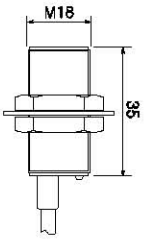
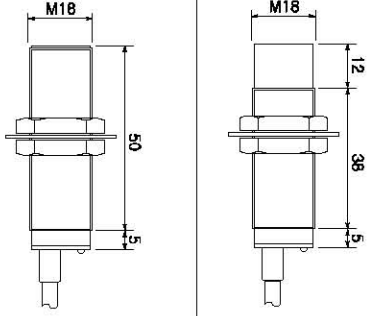
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

크기 (Diameter)	M18		M18	
검출거리 (Switching Distance : mm)	8mm	16mm	8mm	16mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SC-18MS-08M	SC-18M-16M	SD-18MS-08MLS	SD-18M-16MLS
DC 3 wire 10-30V NPN N.C.	SC-18MSB-08M	SC-18MB-16M	SD-18MSB-08MLS	SD-18MB-16MLS
DC 3 wire 10-30V PNP N.O.	SC-18MSP-08M	SC-18MP-16M	SD-18MSP-08MLS	SD-18MP-16MLS
DC 3 wire 10-30V PNP N.C.	SC-18MSBP-08M	SC-18MBP-16M	SD-18MSBP-08MLS	SD-18MBP-16MLS
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	
검출면 재질 (Material Active Face)	Stainless steel		Stainless steel	
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)	500Hz	150Hz	500Hz	150Hz
응차거리 (Switching Hysteresis)	<15%(sr)		<15%(sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(sr)		<1.0%(sr)	
사용온도 (Operating Temperature)	-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	-		4.0 ϕ 3x.0.15	
무게 (Weight)	approx. 94g	approx. 91g	approx. 132g	approx. 134g

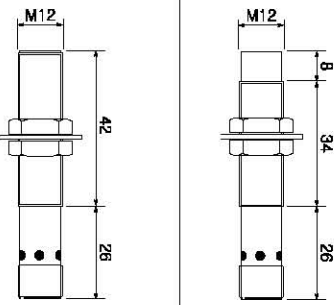
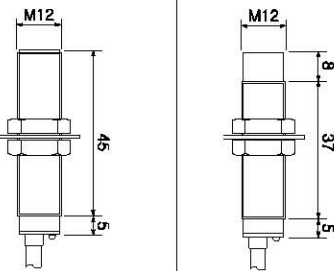
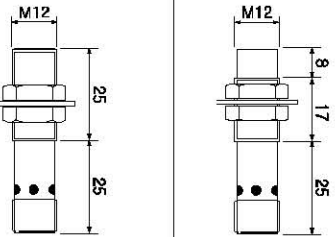
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

M18		M18		M18	
8mm	16mm	5mm	8mm	5mm	8mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-18MS-08M	SD-18M-16M	SC-18MS-MLS	SC-18M-MLS	SC-18MS-M	SC-18M-M
SD-18MSB-08M	SD-18MB-16M	SC-18MSB-MLS	SC-18MB-MLS	SC-18MSB-M	SC-18MB-M
SD-18MSP-08M	SD-18MP-16M	SC-18MSP-MLS	SC-18MP-MLS	SC-18MSP-M	SC-18MP-M
SD-18MSBP-08M	SD-18MBP-16M	SC-18MSBP-MLS	SC-18MBP-MLS	SC-18MSBP-M	SC-18MBP-M
-	-	SC-18MSK-MLS	SC-18MK-MLS	SC-18MSK-M	SC-18MK-M
-	-	SC-18MSKB-MLS	SC-18MKB-MLS	SC-18MSKB-M	SC-18MKB-M
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<1.5V		<1.5V	
500Hz	150Hz	1KHz	500Hz	1KHz	500Hz
<15%(sr)		<15%(sr)		<15%(sr)	
<1.0%(sr)		<1.0%(sr)		<1.0%(sr)	
-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
4.0 ϕ 3x.0.15		-		-	
approx. 153g	approx. 144g	approx. 50 g		approx. 94g	approx. 91g

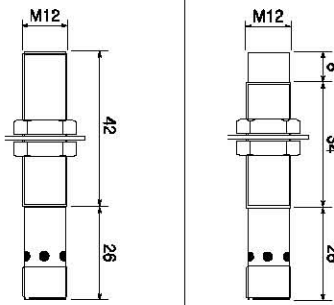
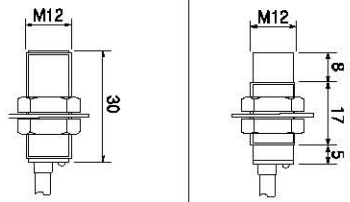
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

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.	SD-18MS-MLS	SD-18M-MLS	SD-18MS-M	SD-18M-M
DC 3 wire 10-30V NPN N.C.	SD-18MSB-MLS	SD-18MB-MLS	SD-18MSB-M	SD-18MB-M
DC 3 wire 10-30V PNP N.O.	SD-18MSP-MLS	SD-18MP-MLS	SD-18MSP-M	SD-18MP-M
DC 3 wire 10-30V PNP N.C.	SD-18MSBP-MLS	SD-18MBP-MLS	SD-18MSBP-M	SD-18MBP-M
DC 2 wire 10-60V N.O.	SD-18MSK-MLS	SD-18MK-MLS	SD-18MSK-M	SD-18MK-M
DC 2 wire 10-60V N.C.	SD-18MSKB-MLS	SD-18MKB-MLS	SD-18MSKB-M	SD-18MKB-M
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)	Stainless steel		Stainless steel	
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 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	4.0 ϕ 3x.0.15		4.0 ϕ 3x.0.15	
무게 (Weight)	approx. 132g	approx. 134g	approx. 153g	approx. 144g

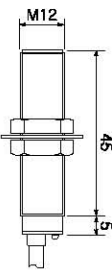
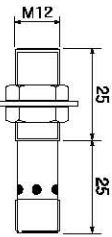
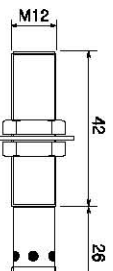
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

M12		M12		M12	
6mm	10mm	6mm	10mm	4mm	8mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SC-12MS-06M	SC-12M-10M	SD-12MS-06M	SD-12M-10M	SC-12MS-04MLS	SC-12M-08MLS
SC-12MSB-06M	SC-12MB-10M	SD-12MSB-06M	SD-12MB-10M	SC-12MSB-04MLS	SC-12MB-08MLS
SC-12MSP-06M	SC-12MP-10M	SD-12MSP-06M	SD-12MP-10M	SC-12MSP-04MLS	SC-12MP-08MLS
SC-12MSBP-06M	SC-12MBP-10M	SD-12MSBP-06M	SD-12MBP-10M	SC-12MSBP-04MLS	SC-12MBP-08MLS
-	-	-	-	-	-
-	-	-	-	-	-
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<1.5V		<1.5V	
800Hz	400Hz	800Hz	400Hz	1KHz	500Hz
<15%(sr)		<15%(sr)		<15%(sr)	
<1.0%(sr)		<1.0%(sr)		<1.0%(sr)	
-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
-		4.0 ϕ 3x.0.15		-	
approx. 31g	approx. 30g	approx. 67g	approx. 65g	approx. 25g	approx. 23g

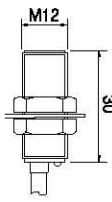
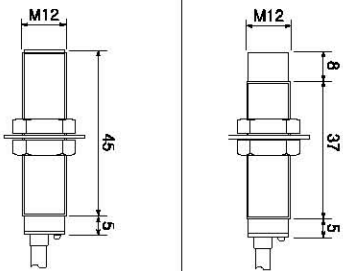
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

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.	SC-12MS-04M	SC-12M-08M	SD-12MS-04MLS	SD-12M-08MLS
DC 3 wire 10-30V NPN N.C.	SC-12MSB-04M	SC-12MB-08M	SD-12MSB-04MLS	SD-12MB-08MLS
DC 3 wire 10-30V PNP N.O.	SC-12MSP-04M	SC-12MP-08M	SD-12MSP-04MLS	SD-12MP-08MLS
DC 3 wire 10-30V PNP N.C.	SC-12MSBP-04M	SC-12MBP-08M	SD-12MSBP-04MLS	SD-12MBP-08MLS
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	
검출면 재질 (Material Active Face)	Stainless steel		Stainless steel	
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 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	-		4.0 ϕ 3x.0.15	
무게 (Weight)	approx. 31g	approx. 30g	approx. 62g	approx. 60g

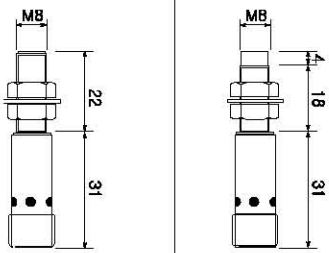
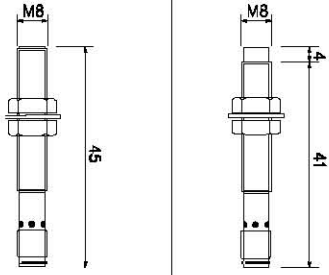
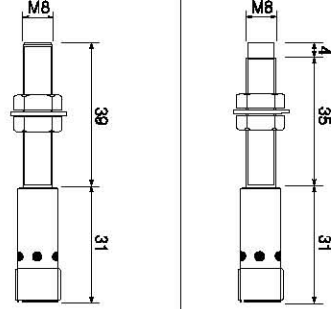
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

M12		M12		M12	
4mm	8mm	2mm	4mm	2mm	4mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-12MS-04M	SD-12M-08M	SC-12MS-MLS	SC-12M-MLS	SC-12MS-M	SC-12M-M
SD-12MSB-04M	SD-12MB-08M	SC-12MSB-MLS	SC-12MB-MLS	SC-12MSB-M	SC-12MB-M
SD-12MSP-04M	SD-12MP-08M	SC-12MSP-MLS	SC-12MP-MLS	SC-12MSP-M	SC-12MP-M
SD-12MSBP-04M	SD-12MBP-08M	SC-12MSBP-MLS	SC-12MBP-MLS	SC-12MSBP-M	SC-12MBP-M
-	-	-	-	SC-12MSK-M	SC-12MK-M
-	-	-	-	SC-12MSKB-M	SC-12MKB-M
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<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 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
4.0 ϕ 3x.0.15		-		-	
approx. 67g	approx. 65g	approx. 25g	approx. 23g	approx. 31g	approx. 30g

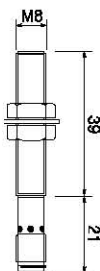
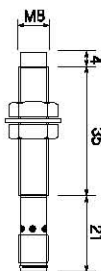
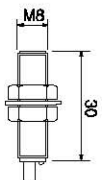
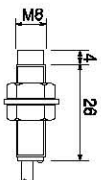
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

크기 (Diameter)	M12		M12	
검출거리 (Switching Distance : mm)	2mm	4mm	2mm	4mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SD-12MS-MLS	SD-12M-MLS	SD-12MS-M	SD-12M-M
DC 3 wire 10-30V NPN N.C.	SD-12MSB-MLS	SD-12MB-MLS	SD-12MSB-M	SD-12MB-M
DC 3 wire 10-30V PNP N.O.	SD-12MSP-MLS	SD-12MP-MLS	SD-12MSP-M	SD-12MP-M
DC 3 wire 10-30V PNP N.C.	SD-12MSBP-MLS	SD-12MBP-MLS	SD-12MSBP-M	SD-12MBP-M
DC 2 wire 10-60V N.O.	-	-	SD-12MSK-M	SD-12MK-M
DC 2 wire 10-60V N.C.	-	-	SD-12MSKB-M	SD-12MKB-M
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)	Stainless steel		Stainless steel	
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 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	4.0 ϕ 3x.0.15		4.0 ϕ 3x.0.15	
무게 (Weight)	approx. 62g	approx. 60g	approx. 67g	approx. 65g

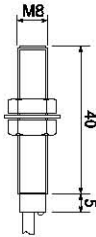
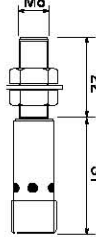
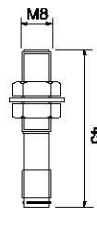
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

M8		M8		M8	
2mm	4mm	2mm	4mm	2mm	4mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SC-8MS-02MLS	SC-8M-04MLS	SCH-8MS-02MLS	SCH-8M-04MLS	SC-8MS-02M	SC-8M-04M
SC-8MSB-02MLS	SC-8MB-04MLS	SCH-8MSB-02MLS	SCH-8MB-04MLS	SC-8MSB-02M	SC-8MB-04M
SC-8MSP-02MLS	SC-8MP-04MLS	SCH-8MSP-02MLS	SCH-8MP-04MLS	SC-8MSP-02M	SC-8MP-04M
SC-8MSBP-02MLS	SC-8MBP-04MLS	SCH-8MSBP-02MLS	SCH-8MBP-04MLS	SC-8MSBP-02M	SC-8MBP-04M
-	-	-	-	-	-
-	-	-	-	-	-
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
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 ℃ ~ +75 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +75 ℃ ($\pm 10\%$ 이내)		-25 ℃ ~ +75 ℃ ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
-		-		-	
approx. 17g		approx. 12g		approx. 22g	

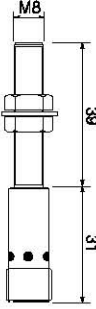
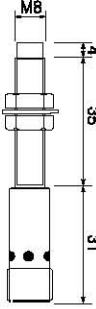
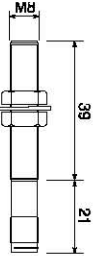
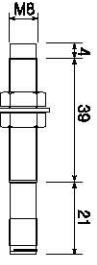
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

크기 (Diameter)	M8		M8	
검출거리 (Switching Distance : mm)	2mm	4mm	2mm	4mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
DC 3 wire 10-30V NPN N.O.	SCH-8MS-02M	SCH-8M-04M	SD-8MS-02M	SD-8M-04M
DC 3 wire 10-30V NPN N.C.	SCH-8MSB-02M	SCH-8MB-04M	SD-8MSB-02M	SD-8MB-04M
DC 3 wire 10-30V PNP N.O.	SCH-8MSP-02M	SCH-8MP-04M	SD-8MSP-02M	SD-8MP-04M
DC 3 wire 10-30V PNP N.C.	SCH-8MSBP-02M	SCH-8MBP-04M	SD-8MSBP-02M	SD-8MBP-04M
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	
검출면 재질 (Material Active Face)	Stainless steel		Stainless steel	
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 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 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. 15g		approx. 47g	

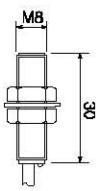
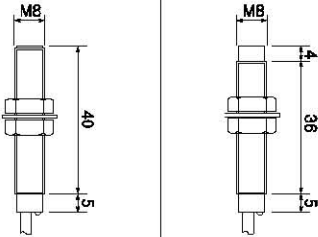
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

M8		M8		M8	
2mm	4mm	1.5mm	2mm	1.5mm	2mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SD-8MS-02ML45	SD-8M-04ML45	SC-8MS-MLS	SC-8M-MLS	SCH-8MS-MLS	SCH-8M-MLS
SD-8MSB-02ML45	SD-8MB-04ML45	SC-8MSB-MLS	SC-8MB-MLS	SCH-8MSB-MLS	SCH-8MB-MLS
SD-8MSP-02ML45	SD-8MP-04ML45	SC-8MSP-MLS	SC-8MP-MLS	SCH-8MSP-MLS	SCH-8MP-MLS
SD-8MSBP-02ML45	SD-8MBP-04ML45	SC-8MSBP-MLS	SC-8MBP-MLS	SCH-8MSBP-MLS	SCH-8MBP-MLS
-	-	-	-	-	-
-	-	-	-	-	-
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
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 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
3.0 ϕ 3x0.15		-		-	
approx. 40g		approx. 17g		approx. 12g	

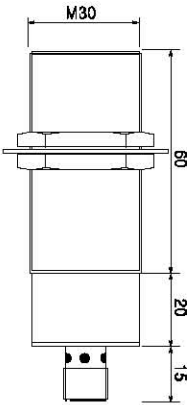
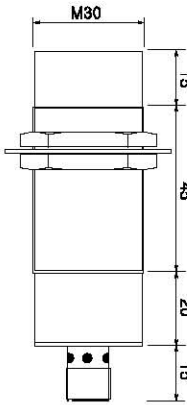
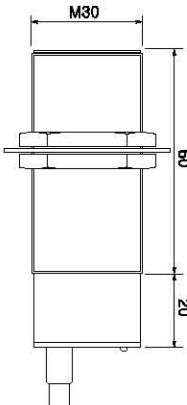
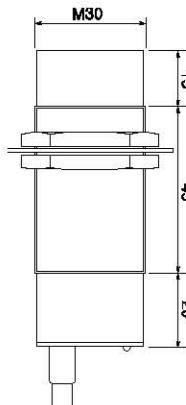
메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

크기 (Diameter)	M8		M8	
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.	SC-8MS-M	SC-8M-M	SCH-8MS-M	SCH-8M-M
DC 3 wire 10-30V NPN N.C.	SC-8MSB-M	SC-8MB-M	SCH-8MSB-M	SCH-8MB-M
DC 3 wire 10-30V PNP N.O.	SC-8MSP-M	SC-8MP-M	SCH-8MSP-M	SCH-8MP-M
DC 3 wire 10-30V PNP N.C.	SC-8MSBP-M	SC-8MBP-M	SCH-8MSBP-M	SCH-8MBP-M
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	
검출면 재질 (Material Active Face)	Stainless steel		Stainless steel	
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 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 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	

메탈페이스 근접센서 (DC Metal Face Inductive Proximity Switch)

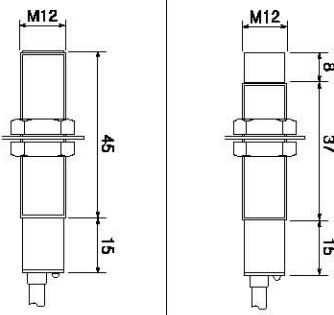
M8		M8			
1.5mm	2mm	1.5mm	2mm		
Shielded	Non-Shielded	Shielded	Non-Shielded		
SD-8MS-M	SD-8M-M	SD-8MS-ML45	SD-8M-ML45		
SD-8MSB-M	SD-8MB-M	SD-8MSB-ML45	SD-8MB-ML45		
SD-8MSP-M	SD-8MP-M	SD-8MSP-ML45	SD-8MP-ML45		
SD-8MSBP-M	SD-8MBP-M	SD-8MSBP-ML45	SD-8MBP-ML45		
-	-	-	-		
-	-	-	-		
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)			
Stainless Steel		Stainless Steel			
Stainless steel		Stainless steel			
LED		LED			
<10mA		<10mA			
200mA		200mA			
<0.01mA		<0.01mA			
<1.5V		<1.5V			
2KHz		2KHz			
<15%(sr)		<15%(sr)			
<1.0%(sr)		<1.0%(sr)			
-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)			
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로			
IP67		IP67			
					
3.0 ϕ 3x0.15		3.0 ϕ 3x0.15			
approx. 47g		approx. 40g			

메탈페이스 근접센서 (AC Metal Face Inductive Proximity Switch)

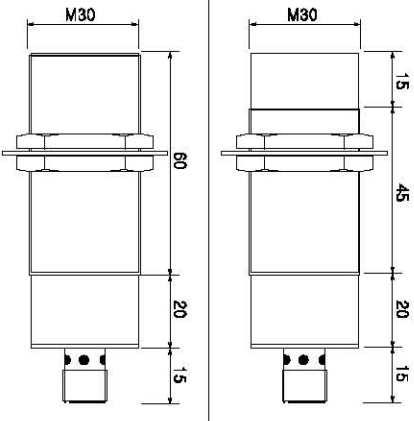
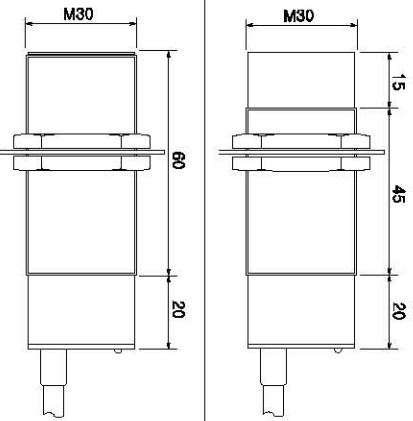
크기 (Diameter)	M30		M30	
검출거리 (Switching Distance : mm)	10mm	15mm	10mm	15mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
AC 2 wire 20-250V N.O.	SAC-30MS-M	SAC-30M-M	SA-30MS-M	SA-30M-M
AC 2 wire 20-250V N.C.	SAC-30MSB-M	SAC-30MB-M	SA-30MSB-M	SA-30MB-M
AC/DC 2 wire 20-250V N.O.	-	-	-	-
AC/DC 2 wire 20-250V N.C.	-	-	-	-
전원 (Operating Voltage)	20-250VAC		20-250VAC	
재질 (Housing Material)	Stainless Steel		Stainless Steel	
검출면 재질 (Material Active Face)	Stainless Steel		Stainless Steel	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<1.8mA		<1.8mA	
부하전류 (Max. Load Current)	400mA		400mA	
누설전류 (Leakage Current)	<1.8mA		<1.8mA	
써지전류 (Surge Current)	5A(20ms)		5A(20ms)	
잔류전압 (Voltage Drop)	8VAC 이하 (at 400mA)		8VAC 이하 (at 400mA)	
응답주파수 (Switching Frequency)	<25Hz		<25Hz	
응차거리 (Switching Hysteresis)	<15%(sr)		<15%(sr)	
반복정밀도 (Repeat Accuracy)	<1.0%(sr)		<1.0%(sr)	
사용온도 (Operating Temperature)	-25 C ~ +70 C (±10% 이내)		-25 C ~ +70 C (±10% 이내)	
보호회로 (Circuit Protection)	-		-	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)	 		 	
케이블 (Cable 2m : PVC)	-		5.8φ 3x0.5	
무게 (Weight)	approx. 147g	approx. 137g	approx. 247g	approx. 237g

M18		M18		M12	
5mm	8mm	5mm	8mm	2mm	4mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SAC-18MS-M	SAC-18M-M	SA-18MS-M	SA-18M-M	SAC-12MS-M	SAC-12M-M
SAC-18MSB-M	SAC-18MB-M	SA-18MSB-M	SA-18MB-M	SAC-12MSB-M	SAC-12MB-M
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
-	-	-	-	-	-
20-250VAC		20-250VAC		20-250VAC	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless Steel		Stainless Steel		Stainless Steel	
LED		LED		LED	
<1.8mA		<1.8mA		<1.8mA	
400mA		400mA		400mA	
<1.8mA		<1.8mA		<1.8mA	
5A(20ms)		5A(20ms)		5A(20ms)	
8VAC 이하 (at 400mA)		8VAC 이하 (at 400mA)		8VAC 이하 (at 400mA)	
<25Hz		<25Hz		<25Hz	
<15%(sr)		<15%(sr)		<15%(sr)	
<1.0%(sr)		<1.0%(sr)		<1.0%(sr)	
-25 C ~ +70 C (±10% 이내)		-25 C ~ +70 C (±10% 이내)		-25 C ~ +70 C (±10% 이내)	
-		-		-	
IP67		IP67		IP67	
-		4.0 φ 3x0.15		-	
approx. 69g	approx. 68g	approx. 161g	approx. 160g	approx. 30g	approx. 29g

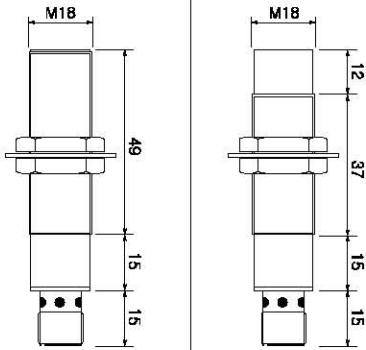
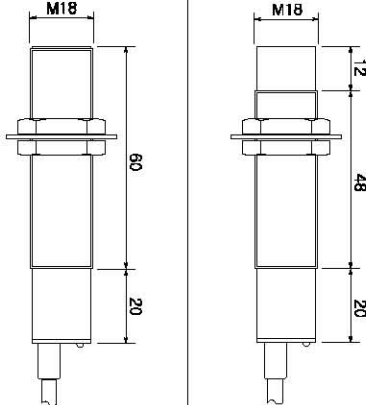
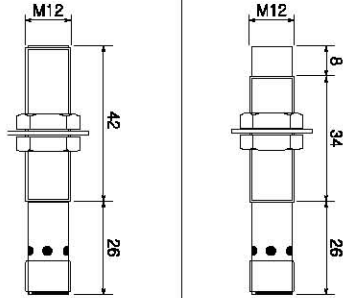
메탈페이스 근접센서 (AC Metal Face Inductive Proximity Switch)

크기 (Diameter)	M12			
검출거리 (Switching Distance : mm)	2mm	4mm		
실드 / 비실드 (Shielded / Non-Shielded)	Shielded	Non-Shielded		
AC 2 wire 20-250V N.O.	SA-12MS-M	SA-12M-M		
AC 2 wire 20-250V N.C.	SA-12MSB-M	SA-12MB-M		
AC/DC 2 wire 20-250V N.O.	-	-		
AC/DC 2 wire 20-250V N.C.	-	-		
전원 (Operating Voltage)	20-250VAC			
재질 (Housing Material)	Stainless Steel			
검출면 재질 (Material Active Face)	Stainless Steel			
동작표시등 (Indicator)	LED			
소비 전류 (No Load Current)	<1.8mA			
부하전류 (Max. Load Current)	400mA			
누설전류 (Leakage Current)	<1.8mA			
써지전류 (Surge Current)	5A(20ms)			
잔류전압 (Voltage Drop)	8VAC 이하 (at 400mA)			
응답주파수 (Switching Frequency)	<25Hz			
응차거리 (Switching Hysteresis)	<15%(sr)			
반복정밀도 (Repeat Accuracy)	<1.0%(sr)			
사용온도 (Operating Temperature)	-25 C ~ +70 C (±10% 이내)			
보호회로 (Circuit Protection)	-			
보호구분 (Protection Category)	IP67			
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	4.0 φ 3x0.15			
무게 (Weight)	approx. 77g	approx. 76g		

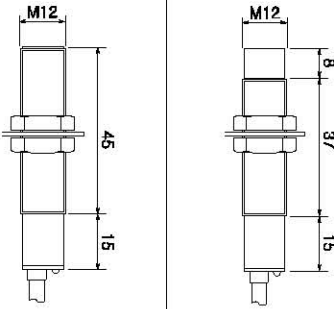
메탈페이스근접센서 (AC/DC Metal Face Inductive Proximity Switch)

크기 (Diameter)	M30		M30	
검출거리 (Switching Distance : mm)	10mm	15mm	10mm	15mm
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded	Shielded	Non-Shielded
AC 2 wire 20-250V N.O.	-	-	-	-
AC 2 wire 20-250V N.C.	-	-	-	-
AC/DC 2 wire 20-250V N.O.	SUC-30MS-M	SUC-30M-M	SU-30MS-M	SU-30M-M
AC/DC 2 wire 20-250V N.C.	SUC-30MSB-M	SUC-30MB-M	SU-30MSB-M	SU-30MB-M
전원 (Operating Voltage)	20-250VAC, 50-60Hz / 20-250VDC		20-250VAC, 50-60Hz / 20-250VDC	
재질 (Housing Material)	Stainless Steel		Stainless Steel	
검출면 재질 (Material Active Face)	Stainless Steel		Stainless Steel	
동작표시등 (Indicator)	LED		LED	
소비 전류 (No Load Current)	<2.5mA		<2.5mA	
부하전류 (Max. Load Current)	100mA		100mA	
누설전류 (Leakage Current)	<2.5mA		<2.5mA	
써지전류 (Surge Current)	2.2A (20ms)		2.2A (20ms)	
잔류전압 (Voltage Drop)	≤10 VAC / ≤8 VDC		≤10 VAC / ≤8 VDC	
응답주파수 (Switching Frequency)	25Hz AC / 40Hz DC		25Hz AC / 40Hz DC	
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		단락보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	-		5.8 φ 3x0.5	
무게 (Weight)	approx. 147g	approx. 137g	approx. 247g	approx. 237g

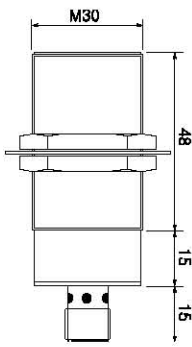
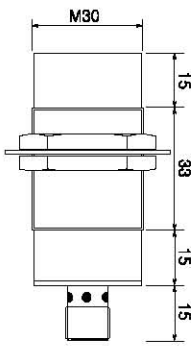
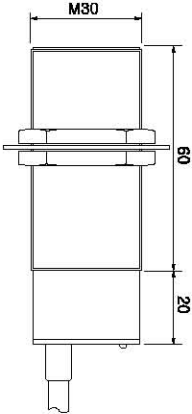
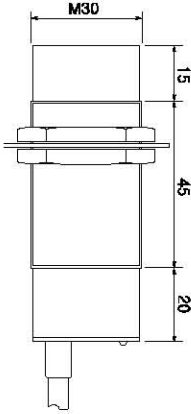
메탈페이스근접센서 (AC/DC Metal Face Inductive Proximity Switch)

M18		M18		M12	
5mm	8mm	5mm	8mm	2mm	4mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
-	-	-	-	-	-
-	-	-	-	-	-
SUC-18MS-M	SUC-18M-M	SU-18MS-M	SU-18M-M	SUC-12MS-M	SUC-12M-M
SUC-18MSB-M	SUC-18MB-M	SU-18MSB-M	SU-18MB-M	SUC-12MSB-M	SUC-12MB-M
20-250VAC, 50-60Hz / 20-250VDC		20-250VAC, 50-60Hz / 20-250VDC		20-250VAC, 50-60Hz / 20-250VDC	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless Steel		Stainless Steel		Stainless Steel	
LED		LED		LED	
<2.5mA		<2.5mA		<2.5mA	
100mA		100mA		100mA	
<2.5mA		<2.5mA		<2.5mA	
2.2A (20ms)		2.2A (20ms)		2.2A (20ms)	
≤ 10 VAC / ≤ 8 VDC		≤ 10 VAC / ≤ 8 VDC		≤ 10 VAC / ≤ 8 VDC	
25Hz AC / 40Hz DC		25Hz AC / 40Hz DC		25Hz AC / 40Hz DC	
<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		단락보호회로		-	
IP67		IP67		IP67	
					
-		4.0φ 3x0.15		-	
approx. 69g	approx. 68g	approx. 161g	approx. 160g	approx. 30 g	approx. 29 g

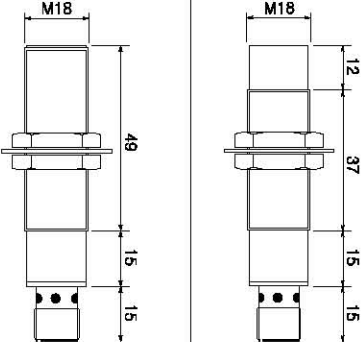
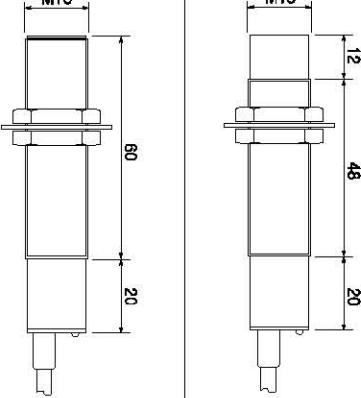
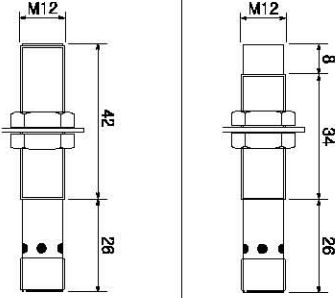
메탈페이스근접센서 (AC/DC Metal Face Inductive Proximity Switch)

크기 (Diameter)	M12		
검출거리 (Switching Distance : mm)	2mm	4mm	
실드 / 비실드 (Shielded / Non-Shielded)	Shielded	Non-Shielded	
AC 2 wire 20-250V N.O.	-	-	
AC 2 wire 20-250V N.C.	-	-	
AC/DC 2 wire 20-250V N.O.	SU-12MS-M	SU-12M-M	
AC/DC 2 wire 20-250V N.C.	SU-12MSB-M	SU-12MB-M	
전원 (Operating Voltage)	20-250VAC, 50-60Hz / 20-250VDC		
재질 (Housing Material)	Stainless Steel		
검출면 재질 (Material Active Face)	Stainless Steel		
동작표시등 (Indicator)	LED		
소비 전류 (No Load Current)	<2.5mA		
부하전류 (Max. Load Current)	100mA		
누설전류 (Leakage Current)	<2.5mA		
써지전류 (Surge Current)	2.2A (20ms)		
잔류전압 (Voltage Drop)	≤10 VAC / ≤8 VDC		
응답주파수 (Switching Frequency)	25Hz AC / 40Hz DC		
응차거리 (Switching Hysteresis)	<15%(sr)		
반복정밀도 (Repeat Accuracy)	<1.0%(sr)		
사용온도 (Operating Temperature)	-25 °C ~ +70 °C (±10% 이내)		
보호회로 (Circuit Protection)	-		
보호구분 (Protection Category)	IP67		
외형 (Dimensions : mm)			
케이블 (Cable 2m : PVC)	4.0 φ 3x0.15		
무게 (Weight)	approx. 77 g	approx. 76 g	

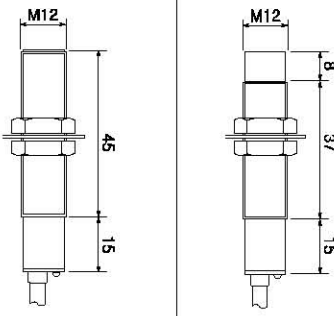
메탈페이스 철 전용 (DC Metal Face Ferrous only Inductive Proximity Switch)

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.	SC-30MS-MF	SC-30M-MF	SD-30MS-MF	SD-30M-MF
DC 3 wire 10-30V NPN N.C.	SC-30MSB-MF	SC-30MB-MF	SD-30MSB-MF	SD-30MB-MF
DC 3 wire 10-30V PNP N.O.	SC-30MSP-MF	SC-30MP-MF	SD-30MSP-MF	SD-30MP-MF
DC 3 wire 10-30V PNP N.C.	SC-30MSBP-MF	SC-30MBP-MF	SD-30MSBP-MF	SD-30MBP-MF
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	
검출면 재질 (Material Active Face)	Stainless steel		Stainless steel	
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 $^{\circ}\text{C}$ ~ +75 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)		-25 $^{\circ}\text{C}$ ~ +75 $^{\circ}\text{C}$ ($\pm 10\%$ 이내)	
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
보호구분 (Protection Category)	IP67		IP67	
외형 (Dimensions : mm)	 		 	
케이블 (Cable 2m : PVC)	-		5.8 ϕ 3x0.5	
무게 (Weight)	approx. 187g	approx. 179g	approx. 217g	approx. 207g

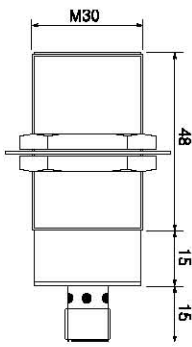
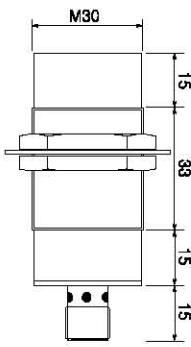
메탈페이스 철 전용 (DC Metal Face Ferrous only Inductive Proximity Switch)

M18		M18		M12	
5mm	8mm	5mm	8mm	2mm	4mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SC-18MS-MF	SC-18M-MF	SD-18MS-MF	SD-18M-MF	SC-12MS-MF	SC-12M-MF
SC-18MSB-MF	SC-18MB-MF	SD-18MSB-MF	SD-18MB-MF	SC-12MSB-MF	SC-12MB-MF
SC-18MSP-MF	SC-18MP-MF	SD-18MSP-MF	SD-18MP-MF	SC-12MSP-MF	SC-12MP-MF
SC-18MSBP-MF	SC-18MBP-MF	SD-18MSBP-MF	SD-18MBP-MF	SC-12MSBP-MF	SC-12MBP-MF
-	-	-	-	-	-
-	-	-	-	-	-
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<1.5V		<1.5V	
1kHz	500Hz	1kHz	500Hz	2kHz	1kHz
<15%(sr)		<15%(sr)		<15%(sr)	
<1.0%(sr)		<1.0%(sr)		<1.0%(sr)	
-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
-		4.0 ϕ 3x.0.15		-	
approx. 94g	approx. 91g	approx. 153g	approx. 144g	approx. 31g	approx. 30g

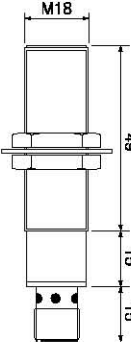
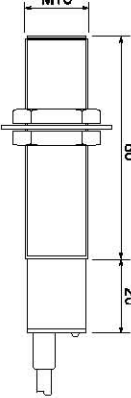
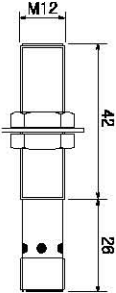
메탈페이스 철 전용 (DC Metal Face Ferrous only Inductive Proximity Switch)

크기 (Diameter)	M12			
검출거리 (Switching Distance : mm)	2mm	4mm		
실드/비실드 (Shielded/Non-Shielded)	Shielded	Non-Shielded		
DC 3 wire 10-30V NPN N.O.	SD-12MS-MF	SD-12M-MF		
DC 3 wire 10-30V NPN N.C.	SD-12MSB-MF	SD-12MB-MF		
DC 3 wire 10-30V PNP N.O.	SD-12MSP-MF	SD-12MP-MF		
DC 3 wire 10-30V PNP N.C.	SD-12MSBP-MF	SD-12MBP-MF		
DC 2 wire 10-60V N.O.	-	-		
DC 2 wire 10-60V N.C.	-	-		
전원 (Operating Voltage)	10-30VDC(Ripple $\pm 10\%$ 이내)			
재질 (Housing Material)	Stainless Steel			
검출면 재질 (Material Active Face)	Stainless steel			
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	1kHz		
응차거리 (Switching Hysteresis)	<15%(sr)			
반복정밀도 (Repeat Accuracy)	<1.0%(sr)			
사용온도 (Operating Temperature)	-25 °C ~ +75 °C ($\pm 10\%$ 이내)			
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로			
보호구분 (Protection Category)	IP67			
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	4.0 ϕ 3x.0.15			
무게 (Weight)	approx. 67g	approx. 65g		

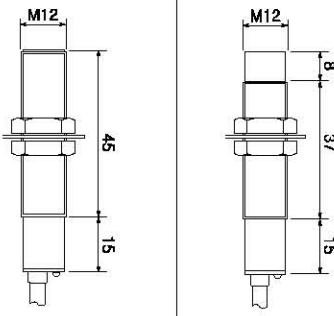
메탈페이스 비철전용(DC Metal Face Non-Ferrous only Inductive Proximity)

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.	SC-30MS-MNF	SC-30M-MNF	SD-30MS-MNF	SD-30M-MNF
DC 3 wire 10-30V NPN N.C.	SC-30MSB-MNF	SC-30MB-MNF	SD-30MSB-MNF	SD-30MB-MNF
DC 3 wire 10-30V PNP N.O.	SC-30MSP-MNF	SC-30MP-MNF	SD-30MSP-MNF	SD-30MP-MNF
DC 3 wire 10-30V PNP N.C.	SC-30MSBP-MNF	SC-30MBP-MNF	SD-30MSBP-MNF	SD-30MBP-MNF
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	
검출면 재질(Material Active Face)	Stainless steel		Stainless steel	
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 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 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. 217g	approx. 207g

메탈페이스 비철전용(DC Metal Face Non-Ferrous only Inductive Proximity)

M18		M18		M12	
5mm	8mm	5mm	8mm	2mm	4mm
Shielded	Non-Shielded	Shielded	Non-Shielded	Shielded	Non-Shielded
SC-18MS-MNF	SC-18M-MNF	SD-18MS-MNF	SD-18M-MNF	SC-12MS-MNF	SC-12M-MNF
SC-18MSB-MNF	SC-18MB-MNF	SD-18MSB-MNF	SD-18MB-MNF	SC-12MSB-MNF	SC-12MB-MNF
SC-18MSP-MNF	SC-18MP-MNF	SD-18MSP-MNF	SD-18MP-MNF	SC-12MSP-MNF	SC-12MP-MNF
SC-18MSBP-MNF	SC-18MBP-MNF	SD-18MSBP-MNF	SD-18MBP-MNF	SC-12MSBP-MNF	SC-12MBP-MNF
-	-	-	-	-	-
-	-	-	-	-	-
10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)		10-30VDC(Ripple $\pm 10\%$ 이내)	
Stainless Steel		Stainless Steel		Stainless Steel	
Stainless steel		Stainless steel		Stainless steel	
LED		LED		LED	
<10mA		<10mA		<10mA	
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
<1.5V		<1.5V		<1.5V	
1kHz	500Hz	1kHz	500Hz	2kHz	1kHz
<15%(sr)		<15%(sr)		<15%(sr)	
<1.0%(sr)		<1.0%(sr)		<1.0%(sr)	
-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)		-25 °C ~ +75 °C ($\pm 10\%$ 이내)	
단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로		단락보호회로, 전원역접속보호회로	
IP67		IP67		IP67	
					
-		4.0 ϕ 3x.0.15		-	
approx. 94g	approx. 91g	approx. 153g	approx. 144g	approx. 31g	approx. 30g

메탈페이스 비철전용(DC Metal Face Non-Ferrous only Inductive Proximity)

크기 (Diameter)	M12			
검출거리(Switching Distance : mm)	2mm	4mm		
실드/비실드(Shielded/Non-Shielded)	Shielded	Non-Shielded		
DC 3 wire 10-30V NPN N.O.	SD-12MS-MNF	SD-12M-MNF		
DC 3 wire 10-30V NPN N.C.	SD-12MSB-MNF	SD-12MB-MNF		
DC 3 wire 10-30V PNP N.O.	SD-12MSP-MNF	SD-12MP-MNF		
DC 3 wire 10-30V PNP N.C.	SD-12MSBP-MNF	SD-12MBP-MNF		
DC 2 wire 10-60V N.O.	-	-		
DC 2 wire 10-60V N.C.	-	-		
전원 (Operating Voltage)	10-30VDC(Ripple $\pm 10\%$ 이내)			
재질 (Housing Material)	Stainless Steel			
검출면 재질(Material Active Face)	Stainless steel			
동작표시등(LED/Without LED)	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	1kHz		
응차거리(Switching Hysteresis)	<15%(sr)			
반복정밀도(Repeat Accuracy)	<1.0%(sr)			
사용온도(Operating Temperature)	-25 °C ~ +75 °C ($\pm 10\%$ 이내)			
보호회로 (Circuit Protection)	단락보호회로, 전원역접속보호회로			
보호구분(Protection Category)	IP67			
외형 (Dimensions : mm)				
케이블 (Cable 2m : PVC)	4.0 ϕ 3x.0.15			
무게 (Weight)	approx. 67g	approx. 65g		