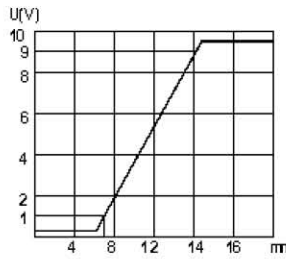
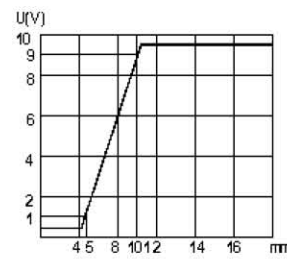
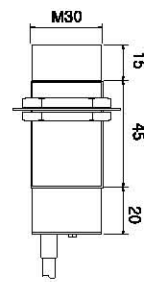
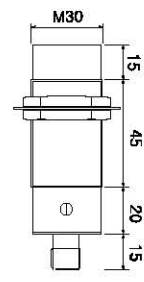
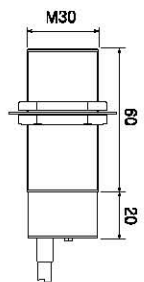
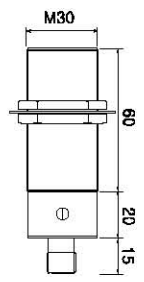
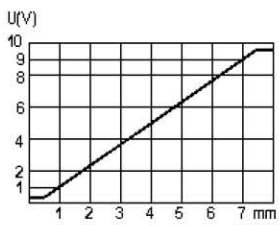
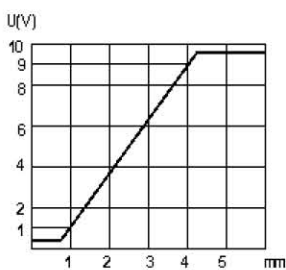
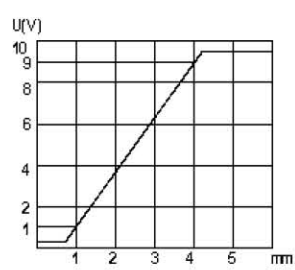
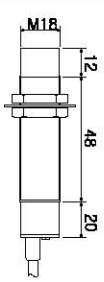
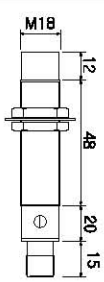
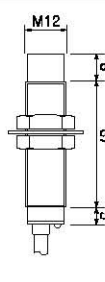


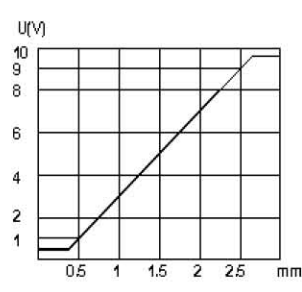
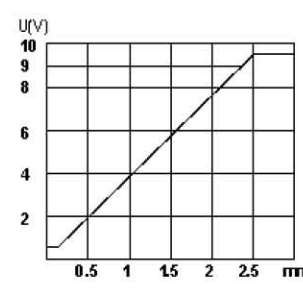
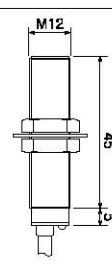
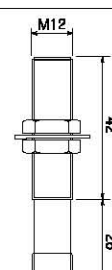
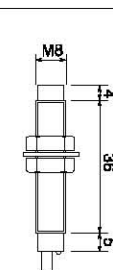
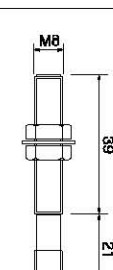
아날로그형 근접센서(DC Analog Inductive Proximity Switch)

크기(Diameter)	M30		M30	
검출거리(Switching Distance : mm)	7-14mm		5-10mm	
실드/비실드(Shielded/Non-Shielded)	Non-Shielded		Shielded	
Inductive Voltage Output	SD-30M-AV	SC-30M-AV	SD-30MS-AV	SC-30MS-AV
Inductive Current Output	-	-	-	-
Inductive Voltage & Current output	-	-	-	-
전원(Operating Voltage)	18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)	
재질(Housing Material)	Nickel Plated brass		Nickel Plated brass	
검출면재질(Material Active Face)	PBT		PBT	
소비 전류(No Load Current)	15mA		15mA	
Output Voltage/Load Resistor	0-10VDC / $\geq 4.7K\Omega$		0-10VDC / $\geq 4.7K\Omega$	
Output Current/Load Resistor	-		-	
출력신호(Output Signal)	PNP-ANALOG		PNP-ANALOG	
응답주파수(Switching Frequency Max.)	100Hz		100Hz	
반복정밀도(Repeat Accuracy)	0.02mm		0.02mm	
직진성(Linearity)	$<10\%$ (sr)		$<10\%$ (sr)	
사용온도(Operating Temperature)	0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)		0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)	
보호회로 (Circuit Protection)	Reverse Polarity Protection		Reverse Polarity Protection	
보호구분(Protection Category)	IP67		IP67	
EMC	REI $>3\text{V/M}$ EFT $> 1\text{KV}$ ESO $>4\text{KV}$ (contact)		REI $>3\text{V/M}$ EFT $> 1\text{KV}$ ESO $>4\text{KV}$ (contact)	
규격(Shock / Vibration)	IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2	
Character istics				
외형(Dimensions : mm)	 		 	
케이블(Cable 2M : PVC)	5.8 ϕ 3x0.5	-	5.8 ϕ 3x0.5	-
무게(Weight)	approx. 252g	approx. 187g	approx. 252g	approx. 187g

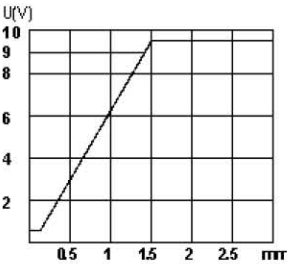
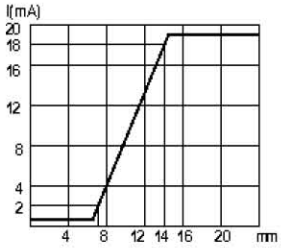
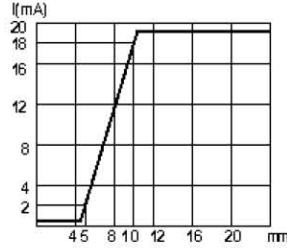
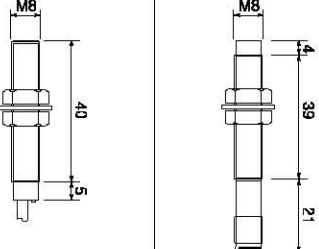
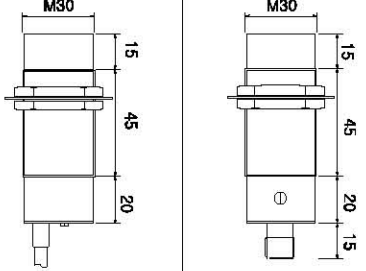
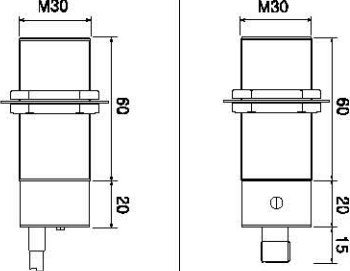
아날로그형 근접센서(DC Analog Inductive Proximity Switch)

M18		M18		M12	
1-7.0mm		1-4.0mm		0.1-4.0mm	
Non-Shielded		Shielded		Non-Shielded	
SD-18M-AV	SC-18M-AV	SD-18MS-AV	SC-18MS-AV	SD-12M-AV	SC-12M-AV
-	-	-	-	-	-
-	-	-	-	-	-
18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)	
Nickel Plated brass		Nickel Plated brass		Nickel Plated brass	
PBT		PBT		PBT	
15mA		15mA		<35mA	
0-10VDC / $\geq 4.7K\Omega$		0-10VDC / $\geq 4.7K\Omega$		0-10VDC / $\geq 2K\Omega$	
-		-		-	
PNP-ANALOG		PNP-ANALOG		PNP-ANALOG	
100Hz		100Hz		100Hz	
0.02mm		0.02mm		0.02mm	
<10%(sr)		<10%(sr)		<5%(sr)	
0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)		0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)		0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)	
Reverse Polarity Protection		-		-	
IP67		IP67		IP67	
REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)	
IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2	
					
					
4.0 ϕ 3x0.15		4.0 ϕ 3x0.15		4.0 ϕ 3x0.15	
approx. 142g		approx. 142g		approx. 67g	
-		-		-	
approx. 69g		approx. 69g		approx. 30g	

아날로그형 근접센서(DC Analog Inductive Proximity Switch)

크기(Diameter)	M12		M8	
검출거리(Switching Distance : mm)	0.1-3.0mm		0.1-2.5mm	
실드/비실드(Shielded/Non-Shielded)	Shielded		Non-Shielded	
Inductive Voltage Output	SD-12MS-AV	SC-12MS-AV	SD-8M-AV	SC-8M-AV
Inductive Current Output	-	-	-	-
Inductive Voltage & Current output	-	-	-	-
전원(Operating Voltage)	18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)	
재질(Housing Material)	Nickel Plated brass		Nickel Plated brass	
검출면재질(Material Active Face)	PBT		PBT	
소비 전류(No Load Current)	<35mA		<35mA	
Output Voltage/Load Resistor	0-10VDC / $\geq 2K\Omega$		0-10VDC / $\geq 2K\Omega$	
Output Current/Load Resistor	-		-	
출력신호(Output Signal)	PNP-ANALOG		PNP-ANALOG	
응답주파수(Switching Frequency Max.)	100Hz		100Hz	
반복정밀도(Repeat Accuracy)	0.02mm		0.02mm	
직진성(Linearity)	<5%(sr)		<5%(sr)	
사용온도(Operating Temperature)	0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)		0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)	
보호회로 (Circuit Protection)	-		-	
보호구분(Protection Category)	IP67		IP67	
EMC	REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)	
규격(Shock / Vibration)	IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2	
Character istics				
외형(Dimensions : mm)	 		 	
케이블(Cable 2M : PVC)	4.0 ϕ 3x0.15	-	3.0 ϕ 3x0.15	-
무게(Weight)	approx. 67g	approx. 30g	approx. 40g	approx. 15g

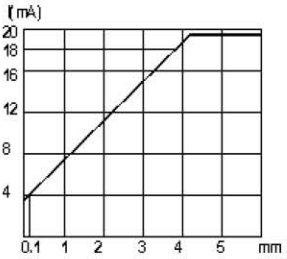
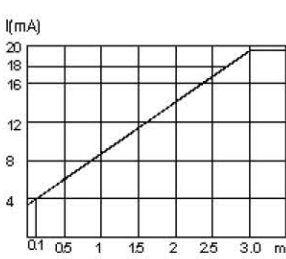
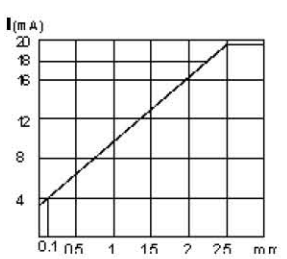
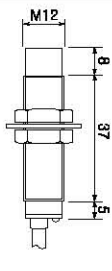
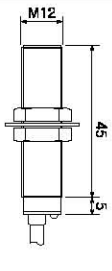
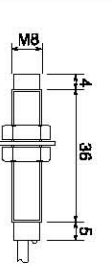
아날로그형 근접센서(DC Analog Inductive Proximity Switch)

M8		M30		M30	
0.1-1.5mm		7-14mm		5-10mm	
Shielded		Non-Shielded		Shielded	
SD-8MS-AV	SC-8MS-AV	-	-	-	-
-	-	SD-30M-AC	SC-30M-AC	SD-30MS-AC	SC-30MS-AC
-	-	-	-	-	-
18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)	
Nickel Plated brass		Nickel Plated brass		Nickel Plated brass	
PBT		PBT		PBT	
<35mA		15mA		15mA	
0-10VDC / $\geq 2K\Omega$		-		-	
-		0-20mA / 200 Ω Max. Ω Max.		0-20mA / 200 Ω Max. Ω Max.	
PNP-ANALOG		PNP-ANALOG		PNP-ANALOG	
100Hz		100Hz		100Hz	
0.02mm		0.02mm		0.02mm	
<5%(sr)		<10%		<10%	
0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)		0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)		0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)	
-		Reverse Polarity Protection		Reverse Polarity Protection	
IP67		IP67		IP67	
REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)	
IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2	
					
					
3.0 ϕ 3x0.15		5.8 ϕ 3x0.5		5.8 ϕ 3x0.5	
approx. 40g		approx. 252g		approx. 252g	
approx. 15g		approx. 187g		approx. 187g	

아날로그형 근접센서(DC Analog Inductive Proximity Switch)

크기(Diameter)	M18		M18	
검출거리(Switching Distance : mm)	1-7.0mm		1-4.0mm	
실드/비실드(Shielded/Non-Shielded)	Non-Shielded		Shielded	
Inductive Voltage Output	-	-	-	-
Inductive Current Output	SD-18M-AC	SC-18M-AC	SD-18MS-AC	SC-18MS-AC
Inductive Voltage & Current output	-	-	-	-
전원(Operating Voltage)	18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)	
재질(Housing Material)	Nickel Plated brass		Nickel Plated brass	
검출면재질(Material Active Face)	PBT		PBT	
소비 전류(No Load Current)	15mA		15mA	
Output Voltage/Load Resistor	-		-	
Output Current/Load Resistor	0-20mA / 200 Ω Max. Ω Max.		0-20mA / 200 Ω Max. Ω Max.	
출력신호(Output Signal)	PNP-ANALOG		PNP-ANALOG	
응답주파수(Switching Frequency Max.)	100Hz		100Hz	
반복정밀도(Repeat Accuracy)	0.02mm		0.02mm	
직진성(Linearity)	<10%		<10%	
사용온도(Operating Temperature)	0 $^{\circ}$ C ~ +70 $^{\circ}$ C ($\pm 5\%$ 이내)		0 $^{\circ}$ C ~ +70 $^{\circ}$ C ($\pm 5\%$ 이내)	
보호회로 (Circuit Protection)	Reverse Polarity Protection		Reverse Polarity Protection	
보호구분(Protection Category)	IP67		IP67	
EMC	REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)	
규격(Shock / Vibration)	IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2	
Character istics				
외형(Dimensions : mm)				
케이블(Cable 2M : PVC)	4.0 ϕ 3x0.15	-	4.0 ϕ 3x0.15	-
무게(Weight)	approx. 142g	approx. 69g	approx. 142g	approx. 69g

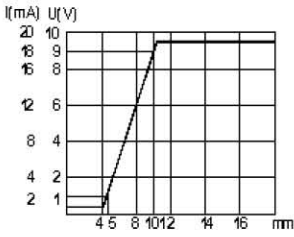
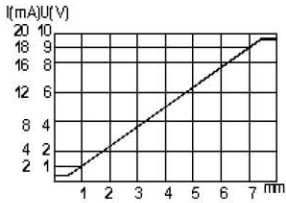
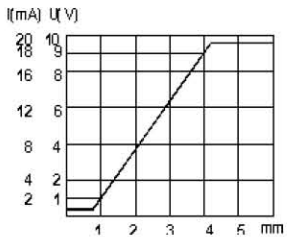
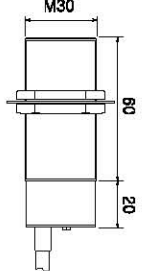
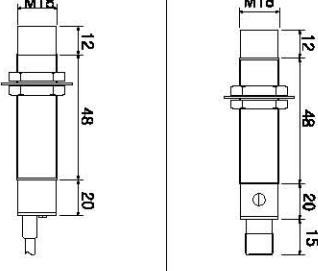
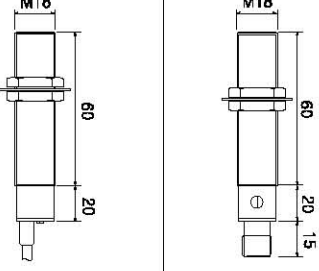
아날로그형 근접센서(DC Analog Inductive Proximity Switch)

M12		M12		M8	
0.1-4.0mm		0.1-3.0mm		0.1-2.5mm	
Non-Shielded		Shielded		Non-Shielded	
-	-	-	-	-	-
SD-12M-AC	SC-12M-AC	SD-12MS-AC	SC-12MS-AC	SD-8M-AC	SC-8M-AC
-	-	-	-	-	-
18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)	
Nickel Plated brass		Nickel Plated brass		Nickel Plated brass	
PBT		PBT		PBT	
<35mA		<35mA		<35mA	
-		-		-	
4-20mA/400 Ω Max.		4-20mA/400 Ω Max.		4-20mA/400 Ω Max.	
PNP-ANALOG		PNP-ANALOG		PNP-ANALOG	
100Hz		100Hz		100Hz	
0.02mm		0.02mm		0.02mm	
<5%		<5%		<5%	
0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)		0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)		0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)	
Reverse Polarity Protection		Reverse Polarity Protection		Reverse Polarity Protection	
IP67		IP67		IP67	
REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)	
IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2	
					
					
4.0 ϕ 3x0.15	-	4.0 ϕ 3x0.15	-	3.0 ϕ 3x0.15	-
approx. 67g	approx. 30g	approx. 67g	approx. 30g	approx. 40g	approx. 15g

아날로그형 근접센서(DC Analog Inductive Proximity Switch)

크기(Diameter)	M8		M30	
검출거리(Switching Distance : mm)	0.1-1.5mm		7-14mm	
실드/비실드(Shielded/Non-Shielded)	Shielded		Non-Shielded	
Inductive Voltage Output	-	-	-	-
Inductive Current Output	SD-8MS-AC	SC-8MS-AC	-	-
Inductive Voltage & Current output	-	-	SD-30M-AX	SC-30M-AX
전원(Operating Voltage)	18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)	
재질(Housing Material)	Nickel Plated brass		Nickel Plated brass	
검출면재질(Material Active Face)	PBT		PBT	
소비 전류(No Load Current)	<35mA		15mA	
Output Voltage/Load Resistor	-		0-10VDC / $>=4.7K\Omega$	
Output Current/Load Resistor	4-20mA/400 Ω Max.		0-20mA / 200 Ω Max.	
출력신호(Output Signal)	PNP-ANALOG		PNP-ANALOG	
응답주파수(Switching Frequency Max.)	100Hz		30Hz	
반복정밀도(Repeat Accuracy)	0.02mm		0.02mm	
직진성(Linearity)	<5%		<10%(sr)	
사용온도(Operating Temperature)	0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)		0 $^{\circ}\text{C}$ ~ +70 $^{\circ}\text{C}$ ($\pm 5\%$ 이내)	
보호회로 (Circuit Protection)	Reverse Polarity Protection		Reverse Polarity Protection	
보호구분(Protection Category)	IP67		IP67	
EMC	REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)	
규격(Shock / Vibration)	IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2	
Character istics				
외형(Dimensions : mm)				
케이블(Cable 2M : PVC)	3.0 ϕ 3x0.15	-	5.8 ϕ 4x0.5	-
무게(Weight)	approx. 40g	approx. 15g	approx. 246g	approx. 110g

아날로그형 근접센서(DC Analog Inductive Proximity Switch)

M30		M18		M18	
5-10mm		1-7mm		1-4mm	
Shielded		Non-Shielded		Shielded	
-	-	-	-	-	-
-	-	-	-	-	-
SD-30MS-AX	SC-30MS-AX	SD-18M-AX	SC-18M-AX	SD-18MS-AX	SC-18MS-AX
18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)		18-30VDC(Ripple $\pm 10\%$ 이내)	
Nickel Plated brass		Nickel Plated brass		Nickel Plated brass	
PBT		PBT		PBT	
15mA		15mA		15mA	
0-10VDC / $\geq 4.7K\Omega$		0-10VDC / $\geq 4.7K\Omega$		0-10VDC / $\geq 4.7K\Omega$	
0-20mA / 200 Ω Max.		0-20mA / 200 Ω Max.		0-20mA / 200 Ω Max.	
PNP-ANALOG		PNP-ANALOG		PNP-ANALOG	
100Hz		30Hz		100Hz	
0.02mm		0.02mm		0.02mm	
<10%(sr)		<10%(sr)		<10%(sr)	
0 $^{\circ}$ C ~ +70 $^{\circ}$ C ($\pm 5\%$ 이내)		0 $^{\circ}$ C ~ +70 $^{\circ}$ C ($\pm 5\%$ 이내)		0 $^{\circ}$ C ~ +70 $^{\circ}$ C ($\pm 5\%$ 이내)	
Reverse Polarity Protection		Reverse Polarity Protection		Reverse Polarity Protection	
IP67		IP67		IP67	
REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)		REI>3V/M EFT> / 1KV ESO>4KV(contact)	
IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2		IEC 60947-5-2,Part7.4.1 / IEC 60947-5-2,Part7.4.2	
					
					
5.8 ϕ 4x0.5		4.0 ϕ 4x0.15		4.0 ϕ 4x0.15	
approx. 252g		approx. 138g		approx. 142g	
approx. 110g		approx. 58g		approx. 60g	