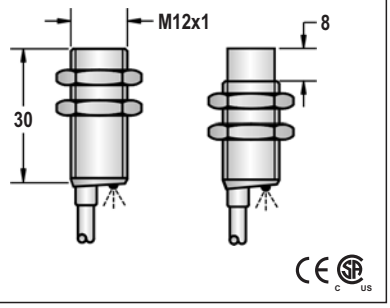
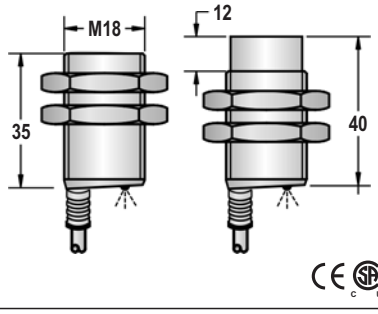
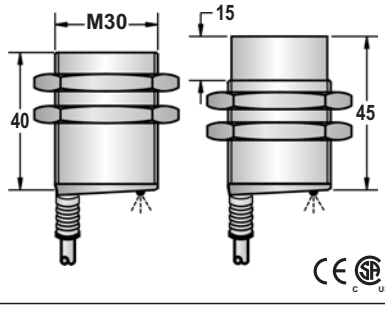
DC INDUCTIVE PLASTIC HOUSING SHORT FORM PROXIMITY SWITCH

M 12		M 18		M 30	
●	○	●	○	●	○
2 mm	4 mm	5 mm	8 mm	10 mm	15 mm
PBT RESIN		PBT RESIN		PBT RESIN	
●		●		●	
					
10-30VDC		10-30VDC or 5-36VDC or 10-55VDC		10-30VDC or 5-36VDC or 10-55VDC	
<10%		<10%		<10%	
<10mA		<10mA	<20mA	<10mA	<20mA
200mA		200mA		200mA	
<0.01mA		<0.01mA		<0.01mA	
-		-		-	
-		-		-	
<1.5V		<1.5V or <1.0V or <2.0V		<1.5V or <1.0V or <2.0V	
1KHZ	500HZ	1KHZ	500HZ	300HZ	150HZ
0.2ms/0.2ms	0.5ms/0.5ms	0.2ms/0.2ms	0.5ms/0.5ms	0.5ms/0.5ms	1ms/1ms
<15%(Sr)		<15%(Sr)		<15%(Sr)	
<1.0%(Sr)		<1.0%(Sr)		<1.0%(Sr)	
IP67		IP67		IP67	
-25 °C - +70 °C		-25 °C - +70 °C		-25 °C - +70 °C	
<10%(Sr)		<10%(Sr)		<10%(Sr)	
YES		YES		YES	
220mA		220mA		220mA	
<10ms		<10ms		<10ms	
RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)		RFI>3V/m / EFT>1KV / ESD>4KV (contact)	
IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
POM	PBT	PBT		PBT	
FCP1-1202N-A3S2	1 FCP2-1204N-A3S2	FCP1-1805N-A3S2	1 FCP2-1808N-A3S2	FCP1-3010N-A3S2	1 FCP2-3015N-A3S2
FCP1-1202N-B3S2	2 FCP2-1204N-B3S2	FCP1-1805N-B3S2	2 FCP2-1808N-B3S2	FCP1-3010N-B3S2	2 FCP2-3015N-B3S2
FCP1-1202P-A3S2	3 FCP2-1204P-A3S2	FCP1-1805P-A3S2	3 FCP2-1808P-A3S2	FCP1-3010P-A3S2	3 FCP2-3015P-A3S2
FCP1-1202P-B3S2	4 FCP2-1204P-B3S2	FCP1-1805P-B3S2	4 FCP2-1808P-B3S2	FCP1-3010P-B3S2	4 FCP2-3015P-B3S2
		FCP1-1805P-S4S2	6 FCP2-1808P-S4S2	FCP1-3010P-S4S2	6 FCP2-3015P-S4S2
		FCP1-1805N-S4S2	5 FCP2-1808N-S4S2	FCP1-3010N-S4S2	5 FCP2-3015N-S4S2
		FCP1-1805C-A2S2	7 FCP2-1808C-A2S2	FCP1-3010C-A2S2	7 FCP2-3015C-A2S2
		HCP1-1805N-A3S2	1 HCP2-1808N-A3S2	HCP1-3010N-A3S2	1 HCP2-3015N-A3S2
		HCP1-1805P-A3S2	3 HCP2-1808P-A3S2	HCP1-3010P-A3S2	3 HCP2-3015P-A3S2
		ICP1-1805N-A3S2	1 ICP2-1808N-A3S2	ICP1-3010N-A3S2	1 ICP2-3015N-A3S2
		ICP1-1805N-B3S2	2 ICP2-1808N-B3S2	ICP1-3010N-B3S2	2 ICP2-3015N-B3S2
		ICP1-1805P-A3S2	3 ICP2-1808P-A3S2	ICP1-3010P-A3S2	3 ICP2-3015P-A3S2
		ICP1-1805P-B3S2	4 ICP2-1808P-B3S2	ICP1-3010P-B3S2	4 ICP2-3015P-B3S2

Voltage Drop: <1.5V (for Operating Volt. 10-30V)
<1V (for Operating Volt. 5-36V)
<2V (for Operating Volt. 10-55V)
This applies to all models in the category of DC INDUCTIVE PROXIMITY SWITCH.

Please see Page 18 for details and specifications of DC 2-Wire models on this page.

4ø 3x0.15	5.0ø 44x0.1	5.8ø 3x0.5	
Approx.56 g	Approx.130 g	Approx.168 g	Approx.172 g