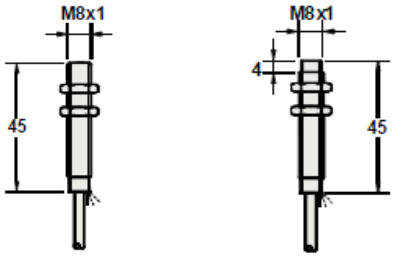
DC INDUCTIVE PROXIMITY SWITCH (M8)

Diameter		M8	M8	
Flushed/Unflushed		Flushed	Unflushed	
Switching Distance Sn mm		3mm	6mm	
Housing Material		stainless steel		
With LED/Without LED		With LED		
Picture				
Operating Voltage		10-30VDC		
Ripple		<10%		
No Load Current		<10mA		
Max. Load Current		200mA		
Leakge Current		<0.01mA		
Voltage Drop		<2.0V		
Switching Frequency		1KHZ	0.5KHZ	
Response Time		0.2ms/0.2ms	0.5ms/0.5ms	
Switching Hysteresis		<15%(Sr)		
Repeat Accuracy		<1.0%(Sr)		
Protection Category		IP67		
Operating Temperature		-25 ℃ - +70 C		
Temperature Drift		<10%(Sr)		
Short Circuit Protection		YES		
Overload Trip Point		220mA		
Material Active Face		POM		
DC 3 wire 10-30V NPN N.O.		IPF0803-N	IPU0806-N	wiring diagram: 1
DC 3 wire 10-30V NPN N.C.		IPF0803-N2	IPU0806-N2	2
DC 3 wire 10-30V PNP N.O.		IPF0803-P	IPU0806-P	3
DC 3 wire 10-30V PNP N.C.		IPF0803-P2	IPU0806-P2	4
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)		-	-	
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)		-	-	
DC 2 wire 10-60V N.O.		-	-	
DC 2 wire 10-60V N.C.		-	-	
DC 3 wire 10-55v NPN N.O.		-	-	
DC 3 wire 10-55v NPN N.C.		-	-	
DC 3 wire 10-55v PNP N.O.		-	-	
DC 3 wire 10-55v PNP N.C.		-	-	
DC 3 wire 5-36V PNP N.C.		-	-	
DC 3 wire 5-36V PNP N.O.		-	-	
DC 3 wire 5-36V NPN N.C.		-	-	
DC 3 wire 5-36V NPN N.O.		-	-	
DC 4 wire 5-36V Changeover PNP (N.O & N.C.)		-	-	
DC 4 wire 5-36V Changeover NPN (N.O & N.C.)		-	-	
Dimensions (unit: mm)				
Connection		Cable 2M (PVC) 3φ 3x0.15		
Weight		Approx.40 g		