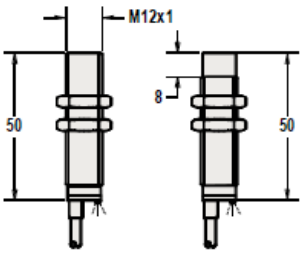
DC INDUCTIVE PROXIMITY SWITCH (M12)

Diameter		M12	M12		
Flushed/Unflushed		Flushed	Unflushed		
Switching Distance Sn mm		4mm	8mm		
Housing Material		Nickel plated brass			
With LED/Without LED		With LED			
Picture					
Operating Voltage		10-30VDC / 10-60VDC			
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	PBT		
DC 3 wire 10-30V NPN N.O.		IPF1204-N	IPU1208-N	wiring diagram	1
DC 3 wire 10-30V NPN N.C.		IPF1204-N2	IPU1208-N2		2
DC 3 wire 10-30V PNP N.O.		IPF1204-P	IPU1208-P		3
DC 3 wire 10-30V PNP N.C.		IPF1204-P2	IPU1208-P2		4
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)		IPF1204-P3	IPU1208-P3		6
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)		IPF1204-N3	IPU1208-N3		5
DC 2 wire 10-60V N.O.		IPF1204-D	IPU1208-D		7
DC 2 wire 10-60V N.C.		IPF1204-D2	IPU1208-D2		8
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) 4φ 2x0.15 or 4φ 3x0.15 or 4φ 4x0.15			
Weight		Approx.67 g	Approx.65 g		