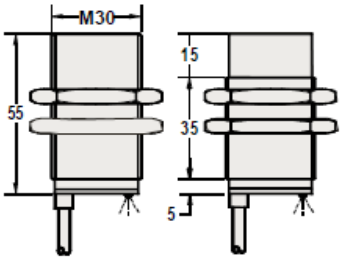
DC INDUCTIVE PROXIMITY SWITCH (M30)

Diameter		M30	M30		
Flushed/Unflushed		Flushed	Unflushed		
Switching Distance Sn mm		22mm	40mm		
Housing Material		Stainless steel or 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		500HZ	150HZ		
Response Time		0.5ms/0.5ms	1ms/1ms		
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		PBT			
DC 3 wire 10-30V NPN N.O.		IPF3022-N	IPU3040-N	wiring diagram	1
DC 3 wire 10-30V NPN N.C.		IPF3022-N2	IPU3040-N2		2
DC 3 wire 10-30V PNP N.O.		IPF3022-P	IPU3040-P		3
DC 3 wire 10-30V PNP N.C.		IPF3022-P2	IPU3040-P2		4
DC 4 wire 10-30V Changeover PNP (N.O. & N.C.)		IPF3022-P3	IPU3040-P3		6
DC 4 wire 10-30V Changeover NPN (N.O. & N.C.)		IPF3022-N3	IPU3040-N3		5
DC 2 wire 10-60V N.O.		IPF3022-D	IPU3040-D		7
DC 2 wire 10-60V N.C.		IPF3022-D2	IPU3040-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) 5.8φ 3x0.15			
Weight		Approx.217 g	Approx.207 g		