

NAMUR INDUCTIVE PROXIMITY SWITCH(M18)

Diameter	M18		M18	
Shielded/non-Shielded	Shielded/ Non-Shielded		Shielded/ Non-Shielded	
Switching Distance Sn mm	5mm / 8mm		5mm / 8mm	
Housing Material	stainless Steel or nickel Plated brass		stainless Steel or nickel Plated brass	
With LED/Without LED	Without LED		With LED	
Picture				
Operating Voltage	6-12VDC		6-12VDC	
Ripple	-		-	
No Load Current	> 2.2mA(OFF) / <1.1mA(ON)		<1.1mA(OFF) / > 2.2mA(ON)	
Switching Frequency	500HZ/300HZ		500HZ/300HZ	
Response Time	0.2ms/0.2ms / 0.5ms/0.5ms		0.2ms/0.2ms / 0.5ms/0.5ms	
Switching Hysteresis	<15%(sr)		<15%(sr)	
Repeat Accuracy	-		-	
Protection Category	IP67		IP67	
Operating Temperature	-25 °C - +75 °C		-25 °C - +75 °C	
Temperature Drift	< 2%(sr)		< 2%(sr)	
Short Circuit Protection	-		-	
Overload Trip Point	-		-	
Time Delay Before Availability	<10ms		<10ms	
EMC	RFI>3V/M / EFT>1KV / ESD>4KV(contact)		RFI>3V/M / EFT>1KV / ESD>4KV(contact)	
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	
Material Active Face	PBT		PBT	
DC 3 wire 10-30V NPN N.O.	-		-	
DC 3 wire 10-30V NPN N.C.	-		-	
DC 3 wire 10-30V PNP N.O.	-		-	
DC 3 wire 10-30V PNP N.C.	-		-	
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 2 wire 6-12V NAMUR	D6B1-M1805-NA ; D6B2-M1808-NA	17	D6B1-M1805-NA/LED ; D6B2-M1808-NA/LED	17
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.)	-		-	
Wiring diagram number	↑		↑	
Dimensions (unit: mm)				
Cable 2M (PVC)	5.8φ2x0.5		5.8φ2x0.5	
Weight	approx.126 g		approx.126 g	

Subject to modifications without notice

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