





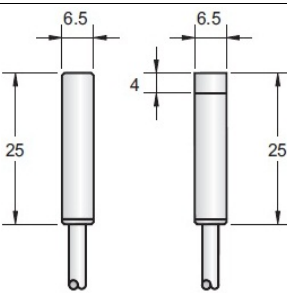
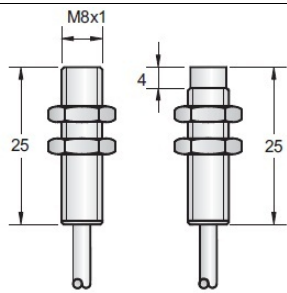


# NAMUR INDUCTIVE PROXIMITY SWITCH(φ6.5 M8)

Diameter	φ6.5	M8
Shielded/non-Shielded	Shielded/ Non-Shielded	Shielded/ Non-Shielded
Switching Distance Sn mm	1mm / 2mm	1mm / 2mm
Housing Material	stainless Steel or nickel Plated brass	stainless Steel or nickel Plated brass
With LED/Without LED	Without LED	Without LED
Picture	 	 
Operating Voltage	6-12VDC	6-12VDC
Ripple	-	-
No Load Current	> 2.2mA(OFF) / <1.1mA(ON)	> 2.2mA(OFF) / <1.1mA(ON)
Switching Frequency	2KHZ /1KHZ	2KHZ /1KHZ
Response Time	0.05ms/0.05ms / 0.1ms/0.1ms	0.05ms/0.05ms / 0.1ms/0.1ms
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	POM	POM
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	D6S1-φ0601-NA † D6S2-φ0602-NA	D6B1-M0801-NA † D6B2-M0802-NA
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)	3φ2x0.15	3φ2x0.15
Weight	approx.26 g	approx.34 g

Subject to modifications without notice

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