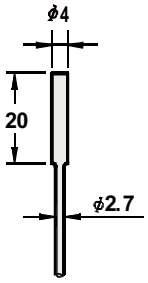
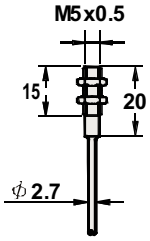
NAMUR INDUCTIVE PROXIMITY SWITCH

Diameter	ϕ4		M5	
● Shielded ○ non-Shielded	●		●	
Switching Distance, Sn: mm	0.8 mm		0.8 mm	
Housing Material	stainless steel		stainless steel	
● With 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)
Response Time	2KHZ		2KHZ	
Switching Frequency	0.05ms/0.05ms		0.05ms/0.05ms	
Switching Hysteresis	<15%(Sr)		<15%(Sr)	
Repeat Accuracy	-		-	
Protection Category	IP67		IP67	
Operating Temperature	-25℃ - +70℃		-25℃ -+70℃	
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,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2		IEC 60947-5-2,Part 7.4.1 / IEC 60947-5-2,Part 7.4.2	
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 3 wire 10-55v NPN N.O. Or NAMUR *	P6D1S040.8NA	19	P6C1S050.8NA	19
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 NPN N.O.				
DC 3 wire 5-36V NPN N.C.				
DC 3 wire 5-36V PNP N.O.				
DC 3 wire 5-36V PNP N.C.				
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)				
Cable 2M (PVC)	2.7ϕ 2x0.15		2.7ϕ 2x0.15	
Weight	approx.25 g		approx.25 g	

*: DC 2wire NAMUR specifications see page 178. Other is same.