

● CYLINDRICAL SHORT HOUSING S SERIES - 3/4 WIRES D.C. - VERSION-C

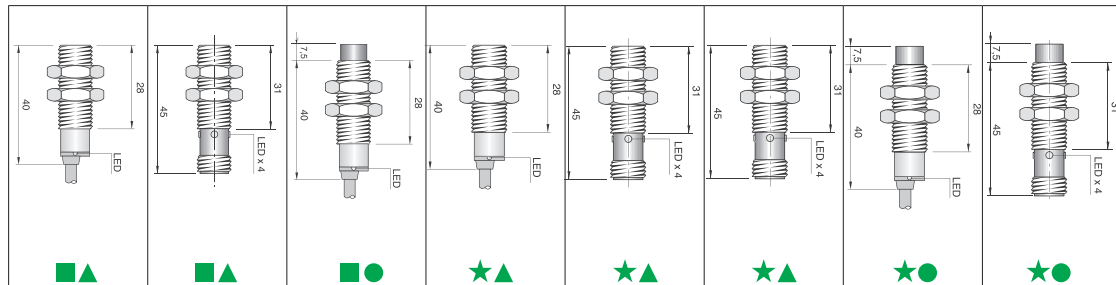


- STANDARD SWITCHING DISTANCE
- ★ EXTENDED SWITCHING DISTANCE
- ▲ EMBEDDABLE (FLUSH MOUNTING)
- NOT EMBEDDABLE (NON FLUSH MOUNTING)

M12 x 1

TECHNICAL CHARACTERISTICS

Dimensions mm



AMPLIFIED 3 WIRES D.C.

AMPLIFIED 4 WIRES D.C. ANTIPIHASE

		NO	SI12SM - C2 NPN NO S	SI12SM - C2 NPN NO H S	SI12SM - CE4 NPN NO S	SI12SM - CE4 NPN NO H S	SI12SS - DC4 NPN NO S	SI12SS - DC4 NPN NO H S	SI12SS - DCE8 NPN NO S	SI12SS - DCE8 NPN NO HS
NPN	NC		SI12SM - C2 NPN NC S	SI12SM - C2 NPN NC H S	SI12SM - CE4 NPN NC S	SI12SM - CE4 NPN NC H S	SI12SS - DC4 NPN NC S	SI12SS - DC4 NPN NC H S	SI12SS - DCE8 NPN NC S	SI12SS - DCE8 NPN NC HS
	NO		SI12SM - C2 PNP NO S	SI12SM - C2 PNP NO H S	SI12SM - CE4 PNP NO S	SI12SM - CE4 PNP NO H S	SI12SS - DC4 PNP NO S	SI12SS - DC4 PNP NO H S	SI12SS - DCE8 PNP NO S	SI12SS - DCE8 PNP NO HS
PNP	NC		SI12SM - C2 PNP NC S	SI12SM - C2 PNP NC H S	SI12SM - CE4 PNP NC S	SI12SM - CE4 PNP NC H S	SI12SS - DC4 PNP NC S	SI12SS - DC4 PNP NC H S	SI12SS - DCE8 PNP NC S	SI12SS - DCE8 PNP NC HS
	NO+NC						SI12SS - DC4 NPN NO+NC S	SI12SS - DC4 NPN NO+NC H S		
PNP	NO+NC						SI12SS - DC4 PNP NO+NC S	SI12SS - DC4 PNP NO+NC H S		
Switching distance Sn	mm		2	2	4	4	4	4	8	8
Continuous voltage (residual ripple ≤10%)	VDC	10 - 30								
Hysteresis	% Sn	< 10								
Switching frequency	Hz		1000			1000	1000		600	
Repeatability	% Sn	≤ 3								
Max output current	mA	200								
Absorption at 24Vdc	mA	< 15								
Voltage drop (sensor ON)	V	< 1.8								
Short circuit protection		Incorporated								
Led		Incorporated								
Temperature limits	°C	- 25 to + 70								
IP rating	IP	67	Depending on connector	67	Depending on connector	67	Depending on connector	67	Depending on connector	Depending on connector
Housing		Stainless steel								
PVC Cable	2m	3 x 0.25 mm ²	-	3 x 0.25 mm ²	-	3 x 0.25 - 4 x 0.25 mm ²	-	3 x 0.25 mm ²	-	-
Connector plug		-	H (M12)	-	H (M12)	-	H (M12)	-	-	H (M12)
Wiring diagrams		Version C								