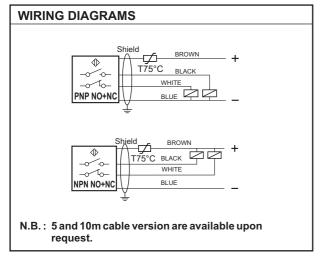
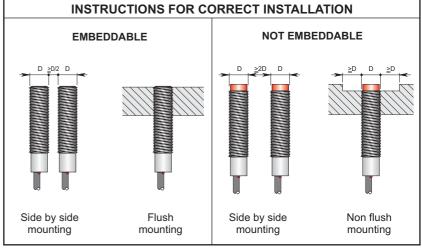
INDUCTIVE SENSORS SI12-C ATEX series



- METALLIC CYLINDRICAL HOUSING M12x1
- AMPLIFIED 4 WIRES D.C. SHIELDED CABLE
- IN CONFORMITY WITH: ATEX Directive 94/9/CE GROUP "II" CATEGORY "3" DUSTY ATMOSPHERES "D" (ZONE 22)
 - Electromagnetic compatibility directive 89/336 CE
 - Product norm EN60947-5-2

TS = EMBEDDABLE **PS** = NOT EMBEDDABLE **Dimensions mm** SAFETY FUNCTION FOR TEMPERATURES >75°C The ATEX approved inductive sensors are equiped 42 with a device that irreversible interrupts functionality Led Led when the maximum temperature limit established by the norm has been exceeded and also in relation to the values printed on sensor label. This type of function makes the equipment safer in potentially explosive environments. 55 55 TS PS NPN NO+NC SI12 - C2 NPN NO+NC AD3 SI12 - CE4 NPN NO+NC AD3 TECHNICAL CHARACTERISTICS PNP NO+NC SI12 - C2 PNP NO+NC AD3 SI12 - CE4 PNP NO+NC AD3 Switching distance (Sn) Continuous voltage (res. ripple ≤ 10%) ٧ 10 ÷ 33 (Absolute maximum ratings ripple included) Hysteresis %Sn < 10 Switching frequency Hz 1000 %Sn <u><</u> 3 Repeatability (at constant temp.) Max output current mΑ 200 Max absorption mΑ ≤ 15 Voltage drop (output ON) ٧ < 1.8 Short circuit protection Incorporated Incorporated Operating temperature range °C -25 ÷ +70 °C Storage temperature range -25 ÷ +70 °C Max temperature on the surface +80 Additional temperature limit system Non-reactable at + 75°C intervention IP rating IΡ 67 Housing Nickelled brass Cable PVC 4 x 0.25 mm² shielded 3m Marking ⟨£x⟩ II 3D IP67 T=80°C





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