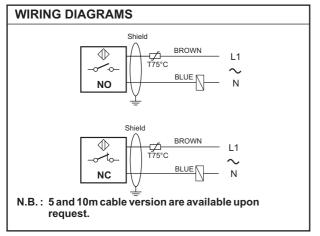
INDUCTIVE SENSORS SI18-A ATEX series

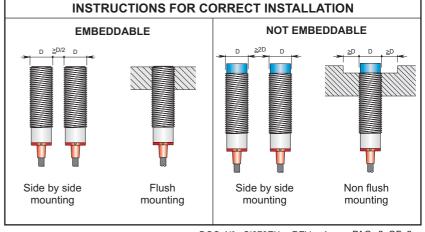


- METALLIC CYLINDRICAL HOUSING M18x1
- AMPLIFIED 2 WIRES A.C.
- IN CONFORMIYI WITH: ATEX Directive 94/9/CE GROUP "II" CATEGORY "3" DUSTY ATMOSPHERES "D" (ZONE 22)
 - Electromagnetic compatibility directive 89/336 CE Low voltage directive 73/23 CE
 - Product norm EN60947-5-2

PS = NOT EMBEDDABLE TS = EMBEDDABLE **Dimensions mm** SAFETY FUNCTION FOR TEMPERATURES >75°C The ATEX approved inductive sensors are equiped 48 48 Led with a device that irreversible interrupts functionality 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. 7,5 70 70 TS PS SI18 - A5 NO AD3 **SI18 - AE8 NO AD3** NO **TECHNICAL CHARACTERISTICS** SI18 - AE8 NC AD3 NC SI18 - A5 NC AD3 Switching distance (Sn) mm Alternating voltage 50÷60Hz V 20 ÷ 250 (Absolute maximum ratings) %Sn < 10 Hysteresis Switching frequency Hz 12 **≤** 3 Repeatability (at constant temperature) %Sn 300 Max output current mA Min output current mΑ 5 Max. peak current for 20mS Α 1.5 Residual current mΑ < 1 Voltage drop (output ON) V < 6 Led Incorporated **Operating Temperature Range** °C -25 ÷ +70 Storage Temperature Range -25 ÷ +70 °C Max temperature on the surface °C Additional temperature limit system Non-reactable thermofuse at +75°C intervention IP rating ΙP 67 Nickelled brass Housing



3m



 $2 \times 0,50 \text{ mm}^2 \text{ shielded}$ $\langle \xi x \rangle$ II 3D IP67 T=80°C

DOC. N°: CI073EX REV.: A PAG.: 2 OF 2

Cable PVC

Marking