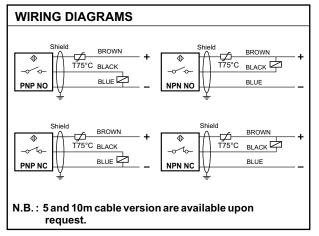
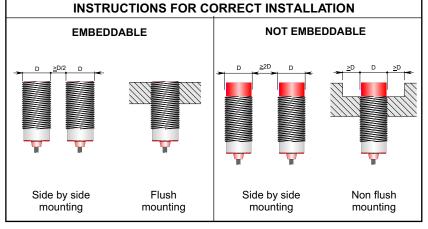
INDUCTIVE SENSORS SI30-C ATEX series



- METALLIC CYLINDRICAL HOUSING M30x1.5
- AMPLIFIED 3 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 50 The ATEX approved inductive sensors are equiped Led with a device that irreversible interrupts functionality when the maximum temperature limit established M30x1.5 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. 68 15 68 PS TS NO **SI30 - C10 NPN NO AD3** SI30 - CE15 NPN NO AD3 **NPN** SI30 - CE15 NPN NC AD3 NC **SI30 - C10 NPN NC AD3** TECHNICAL CHARACTERISTICS SI30 - CE15 PNP NO AD3 NO **SI30 - C10 PNP NO AD3 PNP** SI30 - CE15 PNP NC AD3 NC **SI30 - C10 PNP NC AD3** mm 10 15 Switching distance (Sn) ٧ 10 ÷ 33 (Absolute maximum ratings ripple included) Continuous voltage (res. ripple < 10%) %Sn Hysteresis <u><</u> 10 Switching frequency Hz 300 <u><</u> 3 Repeatability (at constant temperature) %Sn 200 Max. output current mΑ <u><</u> 15 mΑ Max. no-load supply current ٧ ≤ 1.8 Voltage drop (output ON) Short circuit protection Incorporated Incorporated Led °C -25 ÷ +70 Operating temperature range °C -25 ÷ +70 Storage temperature range °C +80 Max. temperature on the surface Non-resettable at +75°C intervention Additional temperature limit system IP rating ΙP 67 Housing Nickelled brass Cable PVC 3m 3 x 0,35 mm² shielded $\langle \xi_{\chi} \rangle$ II 3D IP67 T=80°C Marking





DOC. N°: CI068EX REV.: B PAG: 2 OF 2

