INDUCTIVE ROTATION CONTROL CRT30 ATEX series

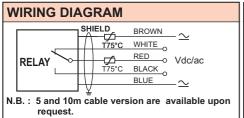


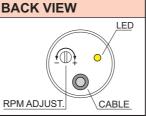
- METALLIC CYLINDRICAL HOUSING M30x1.5
- SPEED REDUCTION CONTROL
- RELAY OUTPUT (Relay ON in regular working condition)
- SELF RESETTING

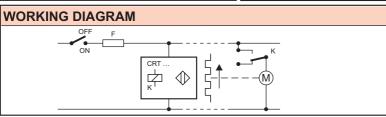
In conformity with: - ATEX Directive 94/9/CE GROUP "II" CATEGORY "3" DUSTY ATMOSPHERES "D" (ZONE 22)

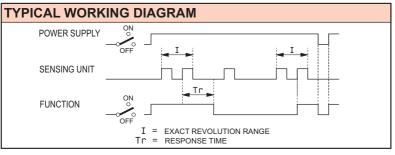
- Electromagnetic compatibility directive 89/336 CE - Low Voltage Directive 73/23 CE

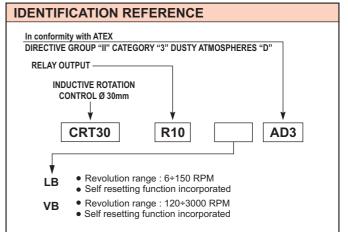
Dimensions mm SAFETY FUNCTION FOR TEMPERATURES >75°C RPM ADJUSTMENT The ATEX approved inductive rotation sensors are equiped with a device that irreversible interrupts functionality LED when the maximum temperature limit established by the norm has been exceeded and also in relation to the values printed on sensor label. This type of function makes the equipment safer in potentially explosive environments. CRT30-R10 VB AD3 **TECHNICAL CHARACTERISTICS** CRT30-R10 LB AD3 Working distance (Sr) mm $4 \div 6$ with metallic plate $\ge 30 \times 30 \times 1$ Continuous voltage (res. ripple ≤10%) V 18 ÷ 50 (Absolute maximum ratings ripple included) ٧ Alternating voltage 50/60 Hz 18 ÷ 250 (Absolute maximum ratings) High Low **RPM** Detectable rotations range 6 - 150 Adjustable 120 - 3000 Adjustable Delayed alarm activation time sec 9 - 15 120 imp./min. Tr = 0.56 imp./min. Tr = 10Response time Tr sec 3000 imp./min. Tr = 0.02 150 imp./min. Tr = 0.4Self resetting function - B Incorporated Incorporated Max. no-load supply current mA < 20 Output relay with 1 pole changeover DC: Imax= 1A, Vmax=220V, Pmax=60W AC: Imax=1A, Vmax=250V, Pmax=60V/A Incorporated Led °C Operating temperature range -20 ÷ +70 Storage temperature range °C -20 ÷ +70 °C Max. temperature on the surface + 80 Additional temperature limit system Non-resettable at + 75°C intervention ΙP Degree of protection 67 Nickelled brass Housing PVC cable 3m 5 x 0,35 mm² shielded $\langle E_{\rm X} \rangle$ II 3D IP67 T=80°C Marking

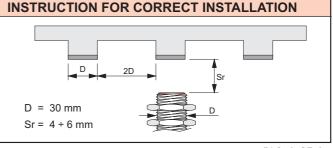












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