

- 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

SAFETY FUNCTION FOR TEMPERATURES >75°C	Dimensions mm	
	<p>The ATEX approved inductive rotation sensors are equipped with a device that irreversible interrupts functionality 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.</p>	
TECHNICAL CHARACTERISTICS	CRT30-R10 LB AD3	CRT30-R10 VB AD3
Working distance (Sr)	mm 4 ÷ 6 with metallic plate ≥ 30 x 30 x 1	
Continuous voltage (res. ripple ≤10%)	V 18 ÷ 50 (Absolute maximum ratings ripple included)	
Alternating voltage 50/60 Hz	V 18 ÷ 250 (Absolute maximum ratings)	
Detectable rotations range	RPM Low 6 - 150 Adjustable	RPM High 120 - 3000 Adjustable
Delayed alarm activation time	sec 9 - 15	
Response time Tr	sec 6 imp./min. Tr = 10 150 imp./min. Tr = 0.4	sec 120 imp./min. Tr = 0.5 3000 imp./min. Tr = 0.02
Self resetting function - B	Incorporated	
Max. no-load supply current	mA ≤ 20	
Output relay with 1 pole changeover	DC: I _{max} = 1A, V _{max} =220V, P _{max} =60W AC: I _{max} =1A, V _{max} =250V, P _{max} =60V/A	
Led	Incorporated	
Operating temperature range	°C -20 ÷ +70	
Storage temperature range	°C -20 ÷ +70	
Max. temperature on the surface	°C + 80	
Additional temperature limit system	Non-resettable at + 75°C intervention	
Degree of protection	IP 67	
Housing	Nickelled brass	
PVC cable	3m 5 x 0,35 mm ² shielded	
Marking	⊕ II 3D IP67 T=80°C	

