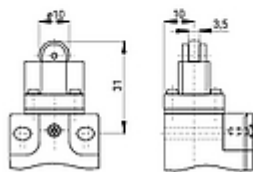


// EXPLOSION PROTECTION

Roller plunger R

Features/Options

- Ex zone 1 and 2, as well as 21 and 22
- Thermoplastic enclosure
- Design according to DIN EN 50 047
- Wiring compartment
- Double insulation 
- Available with overlapping contacts
- Actuator heads can be repositioned in 4 x 90° steps
- Angle of offset roller lever can be adjusted in 10° steps
- With gold-plated contacts available on request
- Special version only for equipment category 3D, available for dust Ex zone 22
- Actuator type C to DIN EN 50 047
- Wear-resistant thermoplastic roller
- Metal roller available on request
- Actuator heads can be repositioned in 4 x 90° steps



Technical data

Standards

IEC/EN 60947-5-1; EN 1088; EN 50014; EN 50018; EN 50019; EN 50281-1-1

Design

DIN EN 50 047

Enclosure

glass-fibre reinforced, shock-proof thermoplastic, self-extinguishing
UL 94-V0

Switch insert

Ex 95

Protection class

IP 67 according to EN 60529

Contact material

silver

Switching system	slow action, positive break NC contact $\ominus$
Switching elements	change-over contact with double break Zb or 2 NC contacts, galvanically separated contact bridges
Connection	M3 screw clamps
Cable section	max. 1,5 mm ² (incl. conductor ferrules)
Cable length	-
U_{imp}	4 kV
U_i	250 V
I	6 A
I_e / U_e	6 A/250 VAC; 0.25 A/230 VDC
Utilisation category	AC-15, DC-13
Max. fuse rating	6 A gL/gG D-fuse
Ambient temperature	-20 °C ... +65 °C
Mechanical life	> 1 million operations
Switching frequency	3600/h
Repeat accuracy of switching points	±0.1 mm
Contact opening	max. 2 x 3.5 mm
Ex-marking	Ex II 2G EEx de IIC T6, II 2D IP67 T80°C
Approvals	DMT 01 ATEX E 118

Contact variants

	Slow action
1 NC / 1 NO contact	EEx 95 R 1Ö/1S
1 NC / 1 NO contact with overlapping	EEx 95 R UE
2 NC contacts	EEx 95 R 2Ö