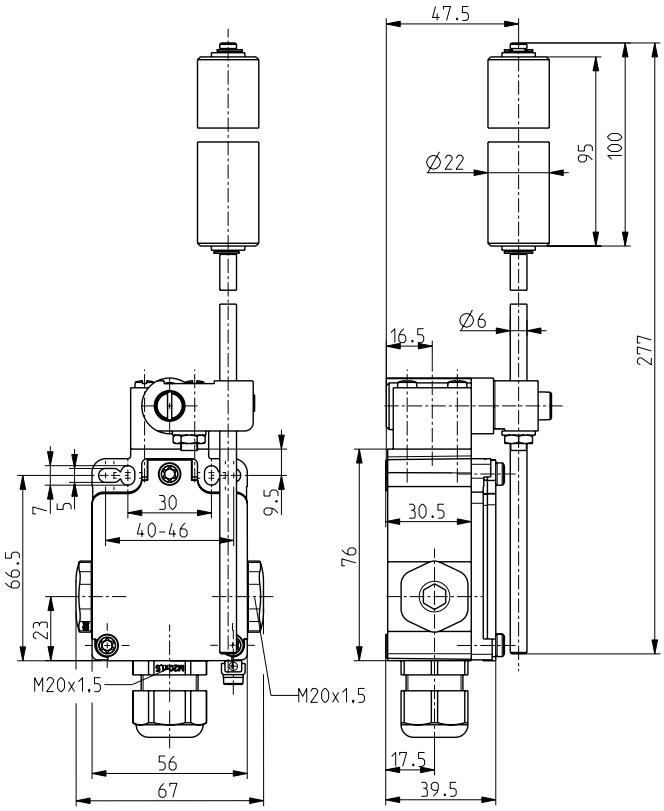
Ex belt alignment switch
Ex 355 4VSR 2Ö
Material number: 1180267 (Material number old: 92531301)

Features/Options:

- Ex zone 1 and 21
- Metal enclosure
- 2 contacts
- Mounting details to EN 50041
- Wiring compartment
- Adjustable-length stainless steel rod lever with nylon roller
- For light- and medium-heavy applications

Dimensions



Technical data

Applied standards	EN 60947-5-1, EN 60079-0, EN 60079-1, EN 60079-7, EN 60079-31, EN ISO 13849-1
Enclosure	zinc die-cast, enamel finish
Degree of protection	IP 67 to IEC/EN 60529
B_{10d} (10 % load)	2 million
T_M	max. 20 years
Switch insert	1 x Ex 95
Contact material	silver
Switching system	slow action, positive break NC contacts ⊖
Switching elements	2 NC contacts, type Zb
Connection	screw connection terminals
Cable cross-section	max. 1.5 mm² (incl. conductor ferrules)
Cable entry	3 x M20 x 1.5 (incl. 1 cable gland)
Clamping range	7 … 12 mm
Rated impulse withstand voltage U_{imp}	4 kV
Rated insulation voltage U_i	250 V
Conventional thermal current I_{the}	6 A
Rated operating current/ voltage I_e/U_e	6 A/250 VAC; 0.25 A/230 VDC
Utilisation category	AC-15; DC-13
Short-circuit protection	6 A gG/gN fuse
Ambient temperature	T6: –20 °C … +40 °C; T5: –20 °C … +60 °C
Mechanical life	> 1 million operations
Operation cycles	max. 1800/h

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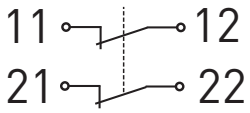
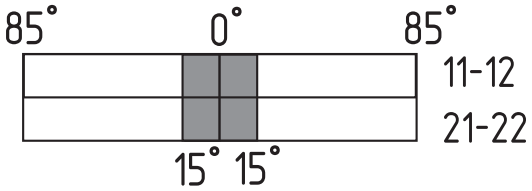
Repeat accuracy of switching points	± 0.1 mm
Contact opening	max. 2 x 3.5 mm
Impact energy	max. 7 J
Ex marking	II 2G Ex db e IIC T6/T5 Gb, II 2D Ex tb IIIC T80 °C/T95 °C Db IECEx Ex db e IIC T6/T5 Gb, Ex tb IIIC T80 °C/T95 °C Db
Approvals	BVS 04 ATEX E 126 IECEx BVS 07.0013

Contact diagram



Switching diagram



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