

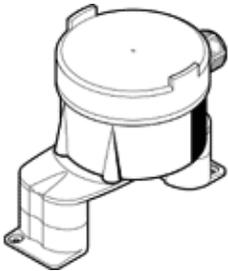
Limit switch attachments

DAPZ-SB-I-25DC-R-RO

Part number: 534472

FESTO

For semi-rotary drives with assembly interface per VDI/VDE 3845
Suitable for all DAPS quarter turn actuators, but only for DRD/DRE in sizes 4 through 225. For DRD/DRE Quarter turn actuators in sizes 1 through 2, can only be mounted to sizes 375 through 880 with DAPZ-SBZ-... adapter.



Data sheet

Feature	Value
Permissible cable diameter	8 ... 13 mm
Based on the standard	EN 60947-5-6 VDI/VDE 3845 (NAMUR)
Design	Round
Assembly position	Any
Short circuit strength	Yes
Switching element function	Normally closed contact
Polarity protected	for all electrical connections
Measuring principle	Inductive
Switching position indicator	No
Insulation voltage	25 V
Nominal operating voltage DC	8 V
Switch output	NAMUR
Surge strength	0.5 kV
Degree of contamination	3
ATEX category Gas	II 2G
Explosion ignition protection type Gas	EEx ia IIC T6
Explosion-proof ambient temperature	-25°C ≤ Ta ≤ +70°C
Certificate issuing department	TÜV 99 ATEX 1479 X
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
Corrosion resistance classification CRC	2
Protection class	IP65
Ambient temperature	-25 ... 70 °C
Switching current attenuated	≤ 1 mA
Switching current not attenuated	≥ 3 mA
Electrical connection	Screwed terminal Plug-in
Cable gland connection	M20x1,5
Materials note	Conforms to RoHS
Materials information for seals	EPDM
Notes on materials for housing cover	PA
Notes on materials for housing socket	PA
Notes on materials for console	PA