

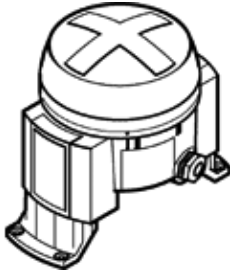
limit switch attachment

DAPZ-SB-I-25DC-EXDR-AR

Part number: 534476
Product to be discontinued

FESTO

For semi-rotary drives with assembly interface per VDI/VDE 3845
Type to be discontinued. Available until 2021. See Support Portal for alternative products.



Data sheet

Feature	Value
Permissible cable diameter	7 ... 13 mm
Based on the standard	EN 60947-5-6 VDI/VDE 3845 (NAMUR)
Design	Round
Assembly position	Any
Short circuit strength	No
Switching element function	Normally closed contact
Polarity protected	No
Measuring principle	Inductive
Switching position indicator	Yes
Insulation voltage	25 V
Max. input power	34 mW
Max. input voltage	16 V
Max. input current	25 mA
Nominal operating voltage DC	8 V
Switch output	NAMUR
Surge strength	0.5 kV
Degree of contamination	3
ATEX category Gas	II 2G X
Explosion protection certification outside the EU	EPL Gb (RU) EPL Gc (RU)
CE mark (see declaration of conformity)	to EU directive explosion protection (ATEX)
Corrosion resistance classification CRC	2 - Moderate corrosion stress
Protection class	IP67
Ambient temperature	-20 ... 70 °C
Probability of Failure per Hour in [1/h].	1.07E-07
PFD (Probability of Failure on Demand)	4.69E-04
Switching current attenuated	<= 1 mA
Switching current not attenuated	>= 3 mA
Electrical connection	Screwed terminal
Cable gland connection	M20x1,5
Materials note	Conforms to RoHS
Material seals	NBR
Material housing cover	PC
Material housing socket	ABS+PC
Material console	ABS+PC