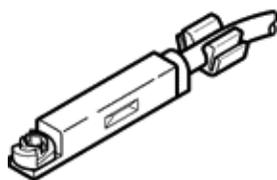
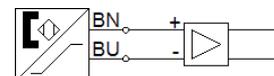


proximity sensor SMT-8F-I-8,2V-K5,0-OE-EX

Part number: 536956

FESTO

Electric, contactless, NPN, two wire Namur design, for drives with T-slot, assembly from above, with cable.



Data sheet

Feature	Value
Design	for T-slot
Conforms to standard	EN 60947-5-6
Authorisation	RCM Mark
CE mark (see declaration of conformity)	to EU directive for EMC to EU directive explosion protection (ATEX)
ATEX category Gas	II 1G
Explosion ignition protection type Gas	Ex ia IIC T4...T6 Ga
ATEX category Dust	II 1D
Explosion ignition protection type Dust	Ex ia IIIC T95°C Da
Explosion protection certification outside the EU	EPL Da (RU) EPL Db (IN) EPL Dc (RU) EPL Ga (RU) EPL Gb (IN) EPL Gc (RU)
Explosion-proof ambient temperature	-10°C ≤ Ta ≤ +70°C
Certificate issuing department	KEMA 04 ATEX 1114 X
Materials note	Free of copper and PTFE
Measuring principle	Magnetic inductive
Ambient temperature	-25 ... 70 °C
Switch output	NAMUR
Switching element function	NAMUR
Reproducibility of switching value	+/- 0,1 mm
Switch-on time	≤ 0.5 ms
Switch-off time	≤ 0.5 ms
Max. output current in Namur operating mode	4.5 mA
Residual current	< 0.7 mA
Short circuit strength	for all electrical connections
Nominal operating voltage DC	8.2 V
Polarity protected	for all electrical connections
Electrical connection 1, connection type	Cable
Electrical connection 1, connection technology	Open end
Electrical connection 1, number of pins/wires	2
Cable length	5 m
Material cable sheath	PVC
Mounting type	Clamped in T-slot
Assembly position	Any
Product weight	70 g
Material housing	PA
Operating status display	Yellow LED
Ambient temperature with flexible cable installation	-5 ... 70 °C
Protection class	IP65 IP67