



1) Sensing surface, 2) Mounting clamp



Basic features

Application	Pneumatic cylinder with T-slot. For dimensions, see sketch in product view.
Approval/Conformity	CE ATEX IECEx WEEE
Basic standard	EN 60947-5-6 EN 50581 EN 60079-0 EN 60079-11
Principle of operation	Magnetic field sensor
Scope of delivery	Cable clip Positioning rubber

Display/Operation

Function indicator	yes
Power indicator	no

Electrical connection

Cable	PVC, 6 m
Conductor cross-section	0.14 mm ²
Number of conductors	2

Electrical data

Current consumption max., damped	2.2 mA
Current consumption min., undamped	1 mA
Hysteresis H max.	1 mm
Protection class	III
Rated operating voltage Ue DC	8.2 V
Responsiveness	2 mT
Switching frequency	2000 Hz

Environmental conditions

Ambient temperature	-25...70 °C
EN 60068-2-27, Shock	Half-sinus, 30 g _n , 30 ms
EN 60068-2-6, Vibration	10...55 Hz, 1 mm, 5 min
IP rating	IP67

Interface

Interface	NAMUR
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Material

Clamping screw material	Stainless steel
Housing material	PA
Material jacket	PVC
Material sensing surface	PA

Mechanical data

Dimension	25 x 5 x 5.1 mm
Mounting part	can be installed in T-slot from above

Range/Distance

Reproducibility	0.2 mm
Traverse speed max.	10 m/s

Remarks

Use only in approved intrinsically safe circuits with max. values $U_i = 15\text{ V}$, $I_i = 50\text{ mA}$, $P_i = 120\text{ mW}$.
The operating guide document number 883482 must be observed.
Operate only with suitable approved switching amplifier.

Wiring Diagrams

