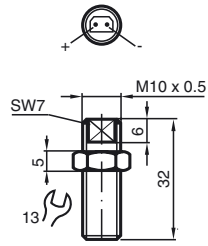


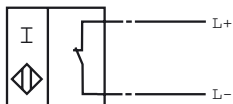
Sensor with dead stop
0.2 mm embeddable



General specifications	
Switching element function	NAMUR NC
Rated operating distance s_n	0,2 mm
Installation	embeddable
Assured operating distance s_a	0 ... 0,2 mm
Reduction factor r_{Al}	0,4
Reduction factor r_{Cu}	0,3
Reduction factor r_{V2A}	0,85
Nominal ratings	
Nominal voltage U_o	8 V
Operating voltage U_B	5 ... 25 V
Switching frequency f	0 ... 100 Hz
Hysteresis H	typ. %
Current consumption	
Measuring plate not detected	≥ 3 mA
Measuring plate detected	≤ 1 mA
Standard conformity	
EMC in accordance with	EN 60947-5-2
Standards	DIN EN 60947-5-6 (NAMUR)
Ambient conditions	
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Mechanical specifications	
Axial load, max. F	0 ... 1200 N
Connection type	Special connector, counterparts will be provided. (for cable connection 0.34 mm ²) connector housing AMP 87175-6 contact spring AMP 867052-2
Housing material	Special steel
Protection degree	IP67

Connection type:

N / NO



ATEX

Data for Ex areas

Effective internal inductivity C_i ≤ 20 nF

Effective internal inductance L_i ≤ 50 μ H