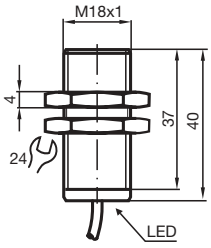
Comfort series

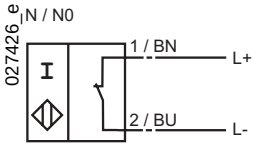
5 mm embeddable



CE

Switching element function	NAMUR NC
Installation	embeddable
Rated operating distance s_n	5 mm
Assured operating distance s_a	0 ... 4.05 mm
Reduction factor r_{V2A}	0.74
Reduction factor r_{Al}	0.35
Reduction factor r_{Cu}	0.3
Nominal voltage U_o	8 V
Current consumption	
Measuring plate detected	≤ 1 mA
Measuring plate not detected	mA
Switching frequency f	0 ... 1000 Hz
Short circuit protection	yes
Polarity reversal protected	yes
Indication of the switching state	all direction LED, yellow
Ambient temperature	-25 ... 100 °C (248 ... 373 K)
EMC in accordance with	EN 60947-5-2; NE 21
Protection degree	IP67
Connection type	2 m, PVC-cable
Core cross-section	0.75 mm²
Housing material	high grade steel
Sensing face	PBT
Standard conformity	DIN EN 60947-5-6 (NAMUR)
Effective internal capacity C_i C_i	≤ 90 nF [2)]
Effective internal inductivity L_i L_i	≤ 100 µH

Connection



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