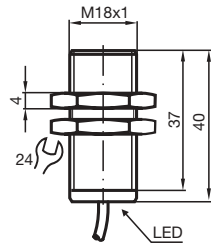


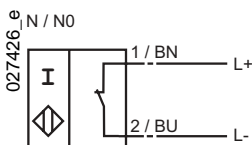
Comfort series  
5 mm embeddable



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 $r_{AI}$	0.35
Reduction factor $r_{Cu}$	0.3
Nominal voltage $U_o$	8 V
Current consumption	
Measuring plate detected	$\leq 1$ 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 mm <sup>2</sup>
Housing material	high grade steel
Sensing face	PBT
Standard conformity	DIN EN 60947-5-6 (NAMUR)
Effective internal capacity $C_i$ , $C_i$	$\leq 90$ nF <sup>2)</sup>
Effective internal inductivity $L_i$ , $L_i$	$\leq 100$ $\mu$ H

Connection



06.11.2001