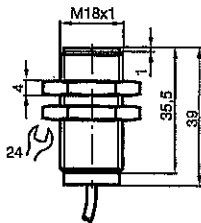


Inductive proximity switches

NJ5-18GK-SN

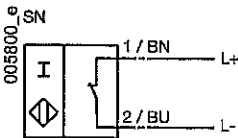
Comfort series
5 mm embeddable



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}	0.85
Reduction factor r_{AI}	0.4
Reduction factor r_{Cu}	0.3
Nominal voltage U_o	8 V
Operating voltage U_B	5 ... 25 V
Current consumption	
Measuring plate detected	≤ 1 mA
Measuring plate not detected	mA
Switching frequency f	0 ... 500 Hz
Ambient temperature	-40 ... 100 °C (233 ... 373 K)
EMC in accordance with	EN 60947-5-2
Protection degree	IP68
Connection type	2 m, silicone cable
Core cross-section	0.75 mm ²
Housing material	PP
Sensing face	PP
Standard conformity	DIN EN 60947-5-6 (NAMUR) VDE 660 section 209
Effective internal capacity C_i C_t	≤ 110 nF
Effective internal inductivity L_i L_t	≤ 155 μ H

Connection



06.11.2001