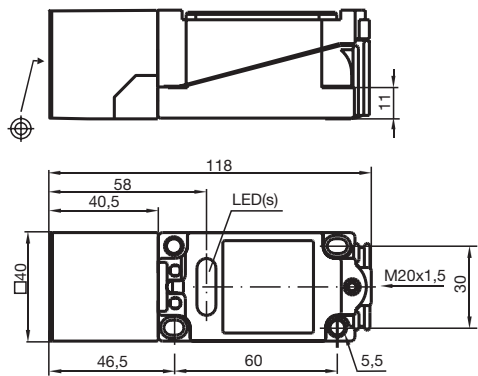


Inductive proximity switches

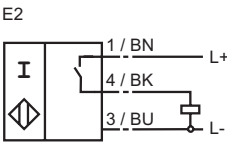
NJ20+U1+E2

Comfort series
20 mm embeddable



Switching element function	PNP Make function
Rated operating distance s_n	20 mm
Installation	embeddable
Assured operating distance s_a	0 ... 16,2 mm
Reduction factor r_{AI}	0,35
Reduction factor r_{Cu}	0,35
Reduction factor r_{V2A}	0,8
Operating voltage U_B	10 ... 60 V
Switching frequency f	0 ... 150 Hz
Hysteresis H	1 ... 10 typ. 5 %
Reverse polarity protection	Protected against reverse polarity
Short circuit protection	pulsing
Voltage drop U_d	$\leq 2,8$ V
Operating current I_L	0 ... 200 mA
Off-state current I_r	0 ... 0,5 mA typ. 0,01 mA
No-load supply current I_0	≤ 10 mA
Operating voltage display	LED, green
Indication of the switching state	LED, yellow
Standards	EN 60947-5-2
Ambient temperature	-25 ... 70 °C (248 ... 343 K)
Storage temperature	-25 ... 85 °C (248 ... 358 K)
Connection type	terminal compartment
Core cross-section	up to 2.5 mm ²
Housing material	PBT
Sensing face	PBT
Protection degree	IP68

Connection_type:



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