



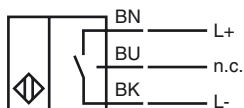
Model Number

NJ3-18GK-S1N-130

Features

- 3 mm embeddable in ST37 / 1.0037

Connection

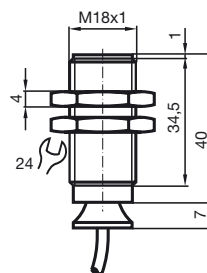


Accessories

BF 18

Mounting flange, 18 mm

Dimensions



Technical Data

General specifications

Switching element function	DC	NO
Rated operating distance	s_n	3 mm
Installation	embeddable in mild steel	
Output polarity	Safety Function	
Assured operating distance	s_a	0 ... 2.4 mm
Reduction factor r_{Al}	1	
Reduction factor r_{Cu}	1	
Reduction factor r_{V2A}	0	

Nominal ratings

Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 200 Hz
Hysteresis	H	typ. 0.1 %
Current consumption		
Measuring plate not detected	≤ 1 mA	
Measuring plate detected	≥ 3 mA	

Ambient conditions

Ambient temperature	-25 ... 130 °C (-13 ... 266 °F)
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Mechanical specifications

Connection type	
Core cross-section	0.75 mm ²
Housing material	PPS; Ryton R4
Sensing face	PPS; Ryton R4
Protection degree	IP65
Note	only for non-ferrous metal

Compliance with standards and directives

Standard conformity	
Standards	EN 60947-5-2:2007 IEC 60947-5-2:2007

Approvals and certificates

UL approval	cULus Listed, General Purpose
CSA approval	cCSAus Listed, General Purpose
CCC approval	Products with a maximum operating voltage of ≤ 36 V do not bear a CCC marking because they do not require approval.