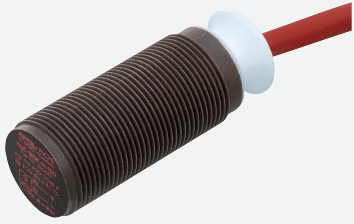


Inductive sensor

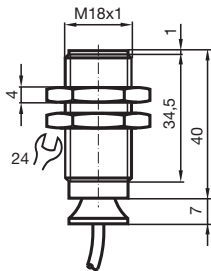
NJ8-18GK-N-150-15M



- 8 mm non-flush
- Temperature range
-40 ... 150 °C (-40 ... 302 °F)



Dimensions



Technical Data

General specifications

Switching function		Normally closed (NC)
Output type		NAMUR
Rated operating distance	s_n	8 mm
Installation		non-flush
Assured operating distance	s_a	0 ... 6.48 mm
Reduction factor r_{AI}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{304}		0.85
Output type		2-wire

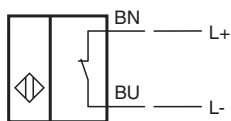
Nominal ratings

Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 200 Hz

Technical Data

Current consumption		
Measuring plate not detected		min. 3 mA
Measuring plate detected		≤ 1 mA
Compliance with standards and directives		
Standard conformity		
NAMUR		EN 60947-5-6:2000 IEC 60947-5-6:1999
Standards		EN 60947-5-2:2007 EN 60947-5-2/A1:2012 IEC 60947-5-2:2007 IEC 60947-5-2 AMD 1:2012
Approvals and certificates		
EAC conformity		TR CU 012/2011
UL approval		
Ordinary Location		E87056
Hazardous Location		E501628
Control drawing		116-0452
CSA approval		cCSAus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤36 V
Ambient conditions		
Ambient temperature		-40 ... 150 °C (-40 ... 302 °F)
Mechanical specifications		
Connection type		cablе SIHF , 15 m
Core cross-section		0.34 mm ²
Housing material		PPS
Sensing face		PPS
Degree of protection		IP65
Cable		
Bending radius		> 10 x cable diameter
General information		
Use in the hazardous area		see instruction manuals

Connection



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