



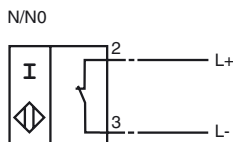
Model Number

NJ2-N-H42

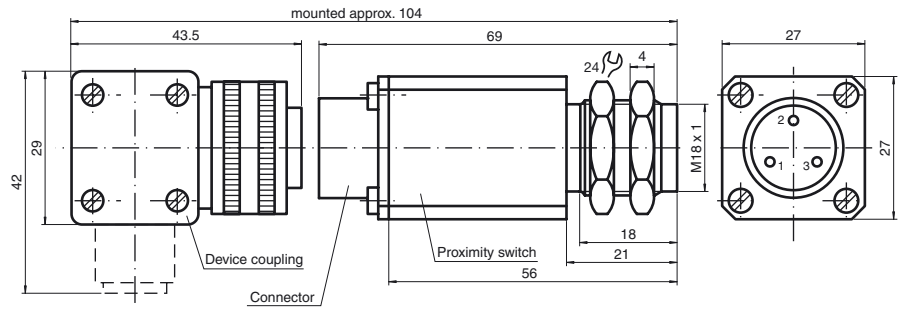
Features

- Comfort series
- 2 mm embeddable
- Compression proof up to 350 bar, dynamic on active surface

Connection



Dimensions



Technical Data

General specifications		
Switching element function		NAMUR, NC
Rated operating distance	s_n	1.5 mm
Installation		embeddable
Output polarity		DC
Assured operating distance	s_a	0 ... 1.22 mm
Reduction factor r_{Al}		0.4
Reduction factor r_{Cu}		0.3
Reduction factor r_{304}		0.85
Nominal ratings		
Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 400 Hz
Hysteresis	H	typ. 5 %
Current consumption		
Measuring plate not detected		≥ 3 mA
Measuring plate detected		≤ 1 mA
Ambient conditions		
Ambient temperature		-25 ... 100 °C (-13 ... 212 °F)
Mechanical specifications		
Connection type		connector, ZH 630 603 00 Socket, ZH 632 603 00
Housing material		Stainless steel 1.4305 / AISI 303
Sensing face		Ceramic
Protection degree		IP50
Compliance with standards and directives		
Standard conformity		
NAMUR		EN 60947-5-6:2000 IEC 60947-5-6:1999
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.

Release date: 2012-03-26 13:38 Date of issue: 2012-03-26 000885_eng.xml