



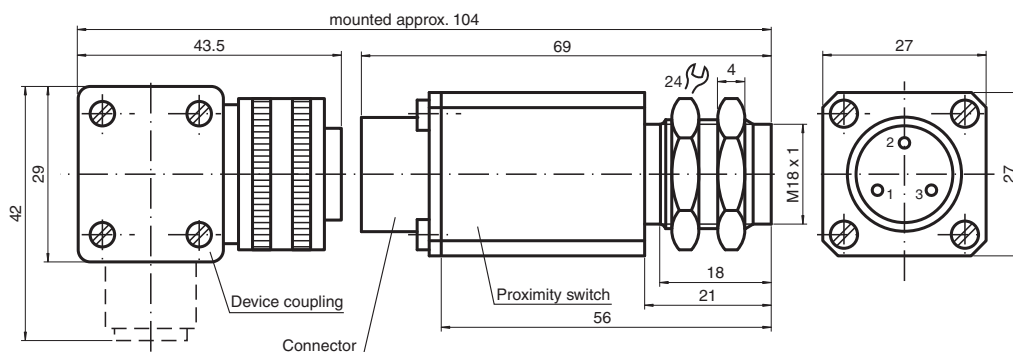
Inductive sensor

NJ2-N-H42

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



Dimensions



Technical Data

General specifications

Switching function		Normally closed (NC)
Output type		NAMUR
Rated operating distance	s_n	1.5 mm
Installation		flush
Assured operating distance	s_a	0 ... 1.22 mm
Reduction factor r_{AI}		0
Reduction factor r_{Cu}		0
Reduction factor r_{304}		0.55
Output type		2-wire

Nominal ratings

Nominal voltage	U_o	8 V
Switching frequency	f	0 ... 400 Hz

Technical Data

Hysteresis	H	typ. 5 %
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		
UL approval		cULus Listed, General Purpose
CSA approval		cCSAus Listed, General Purpose
CCC approval		CCC approval / marking not required for products rated ≤36 V
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
Degree of protection		IP50
Mass		167 g

Connection

N/N0

