



Model Number

NJ6-25-E-G/EX

Features

- Comfort series
- 6 mm flush
- Special protection class G/Ex

Technical Data

General specifications

Switching element function		NPN	NO
Rated operating distance	s_n	6 mm	
Installation		flush	
Output polarity		DC	
Assured operating distance	s_a	0 ... 4.86 mm	
Reduction factor r_{Al}		0.4	
Reduction factor r_{Cu}		0.3	
Reduction factor r_{304}		0.85	

Nominal ratings

Operating voltage	U_B	10 ... 30 V
Switching frequency	f	0 ... 500 Hz
Hysteresis	H	0 ... 10 typ. %
Reverse polarity protection		reverse polarity protected
Short-circuit protection		pulsing
Voltage drop	U_d	≤ 3 V
Operating current	I_L	0 ... 200 mA
No-load supply current	I_0	≤ 20 mA

Standard conformity

Standards	IEC / EN 60947-5-2:2004
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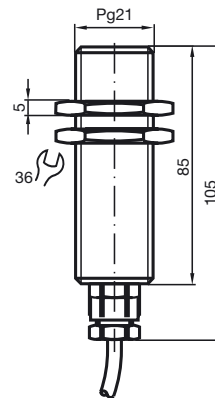
Ambient conditions

Ambient temperature	-25 ... 70 °C (-13 ... 158 °F)
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Mechanical specifications

Core cross-section	0.75 mm ²
Housing material	brass, nickel-plated
Sensing face	PBT
Degree of protection	IP67
Note	discontinued model

Dimensions



Electrical Connection

