



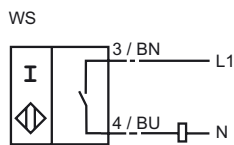
Model Number

NJ6-25-WS-G/EX-5M

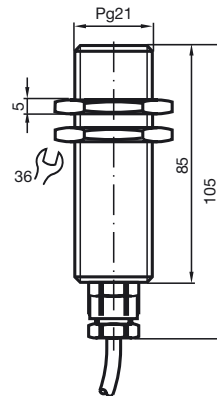
Features

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

Connection



Dimensions



Technical Data

General specifications

Switching element function	AC	Make function
Rated operating distance	s_n	6 mm
Installation	embeddable	
Output polarity	AC	
Assured operating distance	s_a	0 ... 4.86 mm
Reduction factor r_{Al}	0.4	
Reduction factor r_{Cu}	0.3	
Reduction factor r_{V2A}	0.85	

Nominal ratings

Operating voltage	U_B	20 ... 250 V
Switching frequency	f	0 ... 25 Hz
Short-circuit protection	fuse	
Voltage drop	U_d	≤ 7 V
Momentary current (20 ms, 0.1 Hz)	0 ... 4000 mA	
Operating current	I_L	8 ... 500 mA
Off-state current	I_r	0 ... 2.5 mA typ.

Standard conformity

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

Ambient temperature	-25 ... 70 °C (248 ... 343 K)
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Mechanical specifications

Connection type	5 m, PVC cable
Core cross-section	0.75 mm ²
Housing material	brass, nickel-plated
Sensing face	PBT
Protection degree	IP67