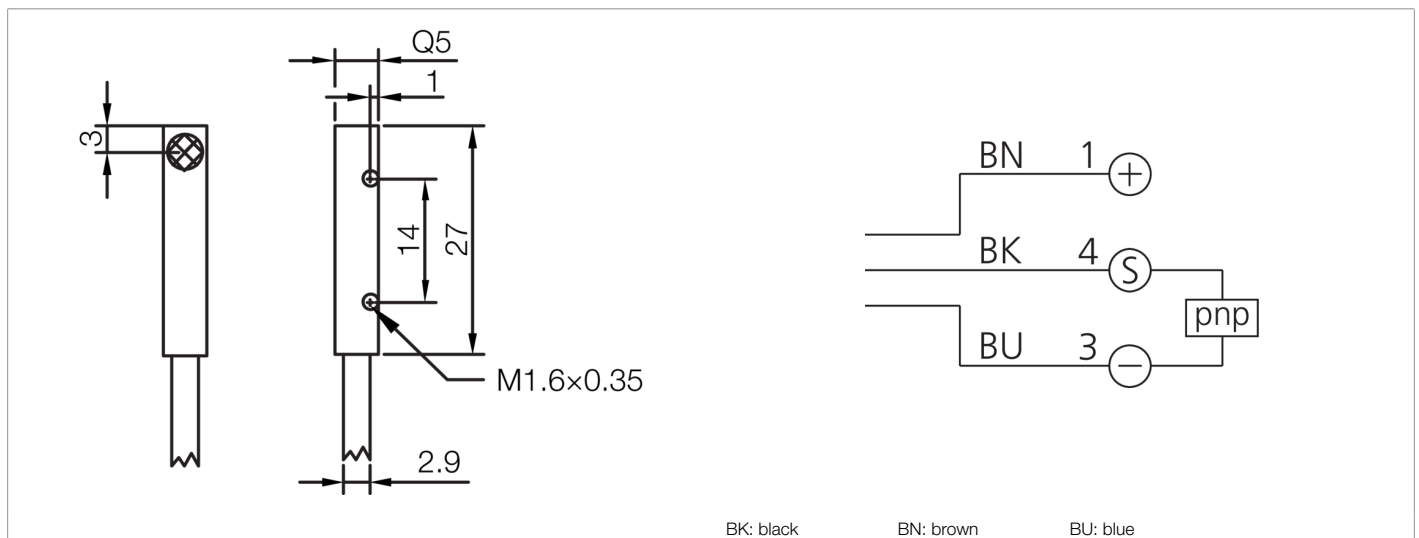




213245
INSM-Q05-B01PS-2C
Inductive proximity sensor

- Double switching distance
- Highly flexible cable
- Short-circuit protection
- LED switching status display
- High protection type



Function



Technical data (typ.)

+20°C, 24 V DC

Electrical features

Service voltage	10 ... 30 V DC
Internal power consumption	10 mA
Insulation voltage endurance	< 500 V DC

Mechanical features

Installation type	Flush
Housing dimensions	5 x 5 mm
Housing length	27 mm
Housing height	5 mm
Housing width	5 mm
Housing material	Brass (nickel-plated)
Material of cable	PVC

Certifications, approvals

Protection class	III, operation on protective low voltage
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General features

Operating principle	inductive
Evaluation	digital
Design	Cuboid design



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INSM-Q05-B01PS-2C
Inductive proximity sensor

Technical data (typ.)		+20°C, 24 V DC
Characteristics		Double switching distance
Product series		INQ Cubic Model
Output, input, interface		
Switching output		pnp, 200 mA, NO
Voltage drop (max.)		1.5 V DC
Detection range, measuring range, tolerance limits		
Switching distance (SN)		1 mm
Standardized measuring plate		5 x 5 x 1 mm
Switching hysteresis (max.)		< 15 %
Display, operation		
LED Anzeige		Yes
Time behavior		
Switching frequency		2000 Hz
Ambient conditions		
Ambient temperature during operation		-25 ... +70 °C
Protection type		IP 67
Electrical connection		
Connection		Cable, 2.0 m (flying leads)
More information / accessories		https://www.di-soric.com/213245