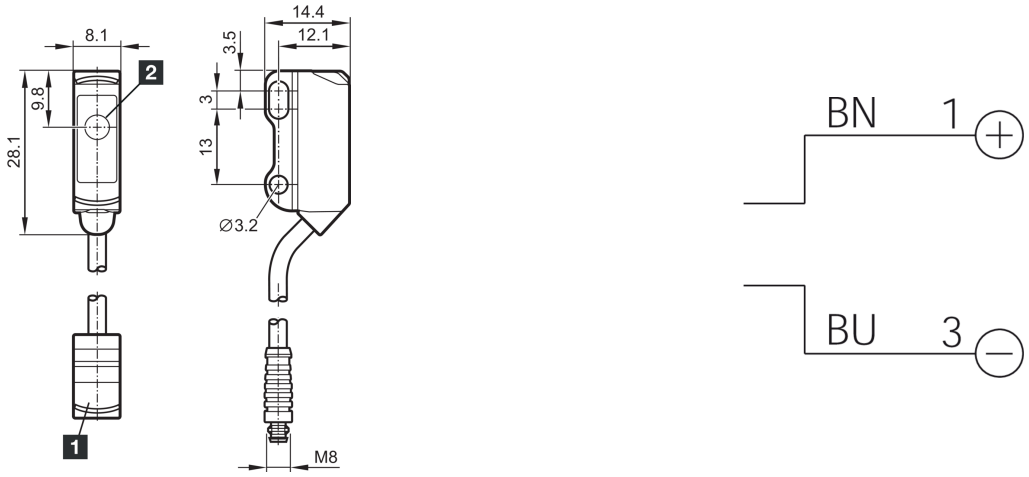
212990
OS21-0.3T3
Through-beam sensor, transmitter

- Miniature design
- Mounting element made of metal
- Long range



1) LED 2) Transmitter BN: brown BU: blue

Function

Technical data (typ.)	+20°C, 24 V DC
Electrical features	
Service voltage	10 … 30 V DC
No-load current (max.)	15 mA
Inverse polarity protection	Yes
Mechanical features	
Housing dimensions	28.1 x 14.4 x 8.1 mm
Housing length	14.4 mm
Housing height	28.1 mm
Housing width	8.1 mm
Housing material	Stainless steel / Plastic
Material of cable	PVC
Material	Plastic (Window / optics)
Weight	21 g
Certifications, approvals	
Protection class	III, operation on protective low voltage
Approvals	UL

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Through-beam sensor, transmitter

Technical data (typ.)	+20°C, 24 V DC
General features	
Operating principle	Through-beam sensor
Evaluation	digital
Design	Cuboid design
Consisting of	Transmitter
Optical data	
Light source	LED
Color	Red
Wavelength	633 nm
Modulation	Clocked
Light spot size	Ø 200 mm (at distance of 3000 mm)
Detection range, measuring range, tolerance limits	
Range	3000 mm
Display, operation	
Sensitivity adjustment	no setting elements
Display	LED green - Status
Ambient conditions	
Ambient temperature during operation	-25 … +60 °C
Protection type	IP 65 / IP 67
Electrical connection	
Connection	Pigtail, 0.3 m, M8, 3-pin
Accessories	
Connection cable	TK …

More information / accessories	https://www.di-soric.com/212990

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