

Basic features

Approval/Conformity	CE cULus UKCA WEEE
Principle of operation	Photoelectric sensor
Style	Fork

Electrical connection

Connection	Connector, PVC
Polarity reversal protected	yes
Protection against device mix-ups	yes
Short-circuit protection	yes

Electrical data

Operating voltage U_b	5...24 VDC
Rated operating current I_e	50 mA
Rated operating voltage U_e DC	24 V
Switching frequency	1 kHz

Environmental conditions

Ambient temperature	-25...55 °C
IP rating	IP65

Remarks

The sensor is functional again after the overload has been eliminated.
Order accessories separately.

Interface

Switching output	PNP normally closed (NC) PNP normally open (NO)
------------------	--

Material

Housing material	PBT
Material jacket	PVC
Material sensing surface	PMMA

Mechanical data

Dimension	13.4 x 14.5 x 20.6 mm
Fork opening	5 mm
Mounting part	Through-hole 3.2 mm (2x)

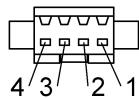
Optical features

Light type	LED infrared
Principle of optical operation	Through-beam sensor

Range/Distance

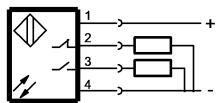
Hysteresis H max.	0.05 mm
Range	5 mm
Rated operating distance S_n	5 mm

Connector Drawings



PIN 1: brown
PIN 2: black
PIN 3: white
PIN 4: blue

Wiring Diagrams



Opto Symbols

