

#### Basic features

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

Style

#### Electrical connection

Cable diameter D	2.5 mm
Cable length L	1 m
Connection	Cable, 1 m, PVC
Number of conductors	4
Polarity reversal protected	yes
Protection against device mix-ups	yes
Short-circuit protection	yes

#### Electrical data

Operating voltage Ub	5...24 VDC
Rated operating current Ie	50 mA
Rated operating voltage Ue 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	11.7 x 12.5 x 13.4 mm
Fork opening	5 mm
Mounting part	Through-hole 3.2 mm (2x)

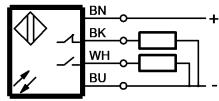
#### Optical features

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 Sn	5 mm

Wiring Diagrams



Opto Symbols

