

## OR18.EL-NV1P.7BCV

Through beam sensors - standard

Article number: 11157820

### Overview

- receiver
- through beam sensor
- 55 m
- NPN complementary
- potentiometer, 270°
- cable 4 pin, 2 m
- -10 ... 55 °C
- IP 67



Picture similar



### Technical data

#### General data

Type	Through beam sensor
Emitter / receiver	Receiver
Actual range Sb	55 m
Nominal range Sn	60 m
Output indicator	LED yellow
Power on indication	LED green
Sensitivity adjustment	Potentiometer, 270°

#### Electrical data

Response time / release time	< 0,34 ms
Voltage supply range +Vs	10 ... 30 VDC
Current consumption max. (no load)	45 mA
Current consumption typ.	35 mA
Voltage drop Vd	< 2 VDC

#### Electrical data

Output function	Light / dark operate
Output circuit	NPN complementary
Output current	< 100 mA
Short circuit protection	Yes
Reverse polarity protection	Yes

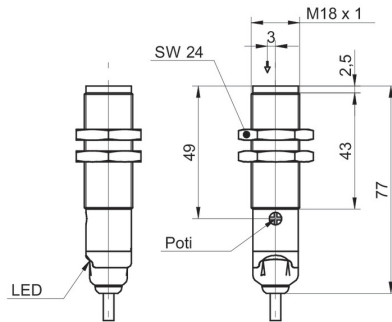
#### Mechanical data

Width / diameter	18 mm
Height / length	77 mm
Type	Cylindrical threaded
Housing material	Brass nickel plated
Front (optics)	PMMA
Connection types	Cable 4 pin, 2 m

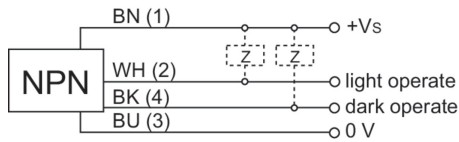
#### Ambient conditions

Operating temperature	-10 ... +55 °C
Protection class	IP 67

**Dimension drawing**



**Connection diagram**



**Laser warning**

**CLASS 1 LASER  
PRODUCT**

IEC 60825-1/2014  
Complies with 21 CFR 1040.10 and  
1040.11 except for conformance with  
IEC 60825-1 Ed. 3., as described in  
Laser Notice No. 56, dated May 8, 2019