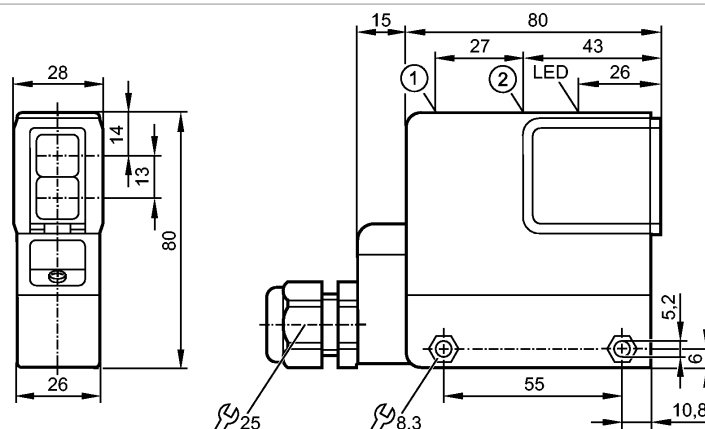


OS0024

OSS-000A

Photoelectric sensors



- 1: potentiometer timer
2: potentiometer sensitivity

one transmitting diode in upper and lower lens


Product characteristics

Through-beam sensor

Rectangular, plastics

Terminals

Transmitter

Sensing range 20m

Electrical data

Electrical design	AC/DC
Operating voltage [V]	20...250 AC/DC (47...63 Hz AC)
Current consumption [mA]	18
Type of light	Infrared light 880 nm
Protection class	II
Reverse polarity protection	no

Outputs

Short-circuit protection	no
Overload protection	no
Switching frequency [Hz]	25 AC / 100 DC

Monitoring range

Sensing range [m]	20
-------------------	----

Environment

Ambient temperature [°C]	-25...80
Protection	IP 65

Tests / approvals

EMC	EN 60947-5-2 EN 55011: class B
MTTF [Years]	1036

Mechanical data

Housing materials	modified PPO
Lens material	glass
Weight [kg]	0.262



OS0024

OSS-000A

Photoelectric sensors

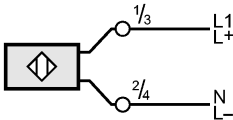
Displays / operating elements

Power	LED	yellow
-------	-----	--------

Electrical connection

Connection	terminals up to 1.5 mm ² ; cable diameter 5...10 mm, cable gland M20 x 1.5
------------	---

Wiring



Accessories

Accessories (included)	Angle bracket; E20210; screwdriver
------------------------	------------------------------------

Remarks

Pack quantity	[piece]	1
---------------	---------	---