



Photoelectric sensors  
Through-beam photoelectric sensor

VSE18L-3P324



**Model Name** > [VSE18L-3P324](#)  
**Part No.** > [6027938](#)



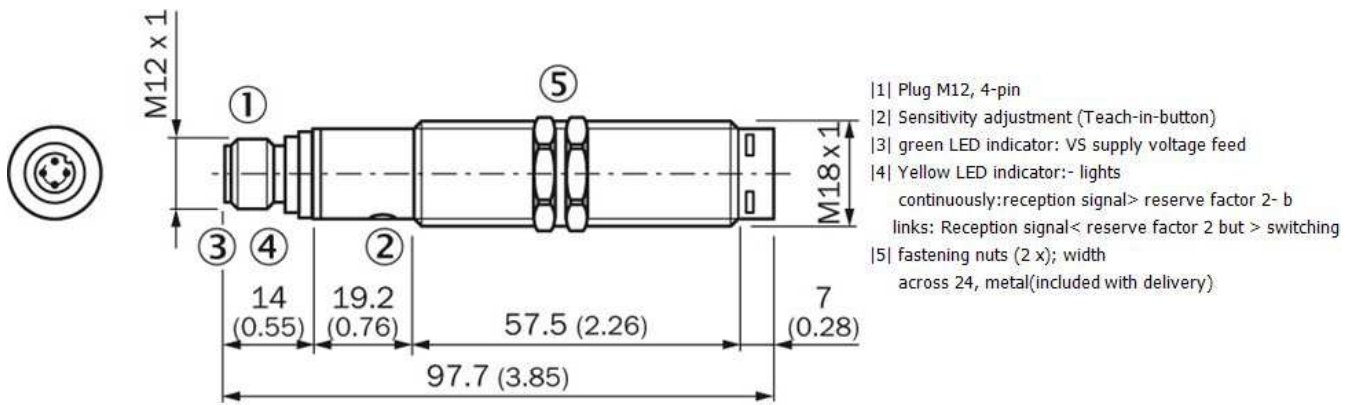
### Product features

Sensing range min ... max::	0 m ... 50 m, 0 m ... 60 m
Type of light:	Laser, red light
Light spot diameter:	approx. 40 mm at 50 m distance
Laser:	Laser, red light
Sensing range max.:	0 m ... 50 m, 0 m ... 60 m
Wave length:	650 nm
Optical axis:	axial

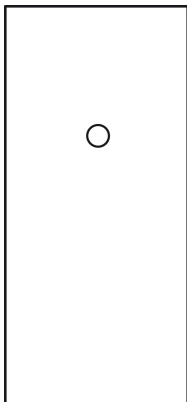
### Technical data

Design::	Cylinder with thread
Dimensions (W x H x D):	97.7 mm
Supply voltage min ... max.:	DC 10 ... 30 V
Ripple:	≤ 10 %
Power consumption:	≤ 25 mA
Output type:	PNP, Q
Switching mode:	Dark-switching
Output current max.:	≤ 100 mA
Response time.:	≤ 0.5 ms
Switching frequency:	1,000 Hz
Connection type:	Connector, M12, 4-pin
Circuit protection:	V <sub>S</sub> connections reverse-polarity protected/In-/outputs short-circuit protected/Interference suppression/Outputs overcurrent and short-circuit protected
Enclosure rating.:	IP 67
Ambient operation temperature, min ... max.:	-15 °C ... +55 °C
Ambient storage temperature, min ... max.:	-25 °C ... +70 °C
Housing material:	Brass nickel-plated, plastic
Series:	V18 Laser
Optics material:	PC with protective glass pane
Thread size:	M18 x 1

**Dimensional drawing**



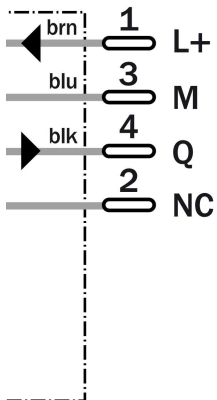
**Adjustment possible**



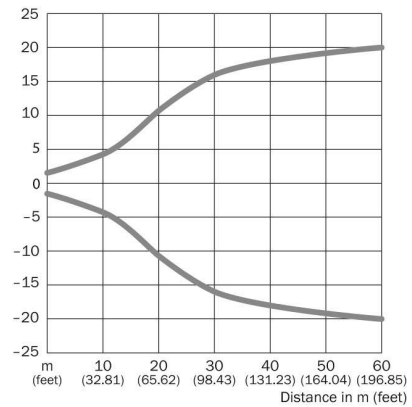
**Connection type**



**Connection diagram**



**Light spot diameter**



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