



Photoelectric sensors
Through-beam photoelectric sensor

VSE18L-3P344



Model Name > [VSE18L-3P344](#)
Part No. > [6027939](#)



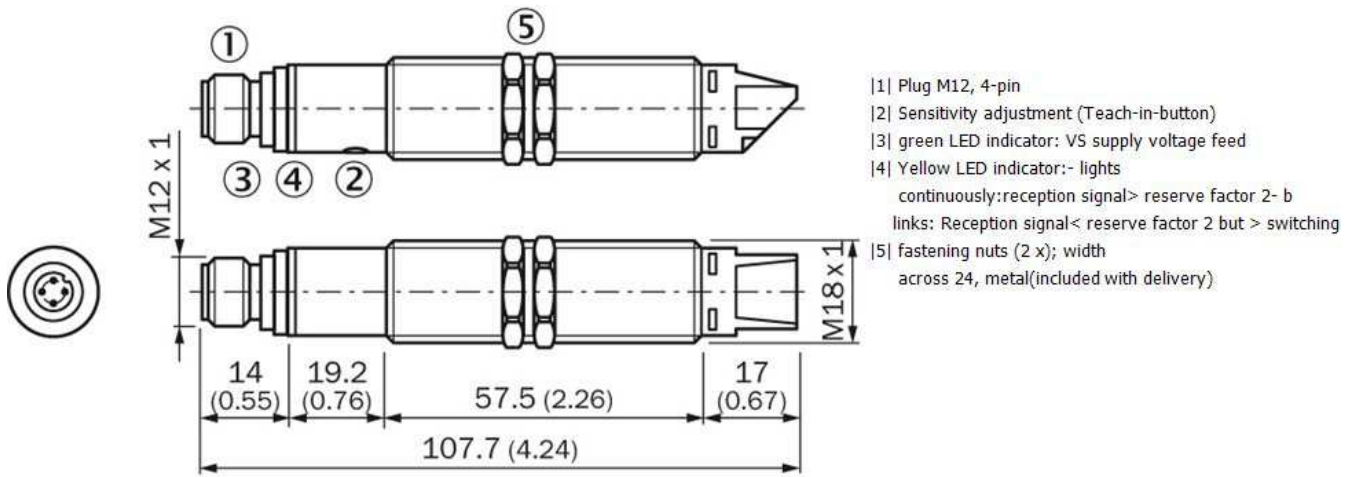
Product features

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:	radial

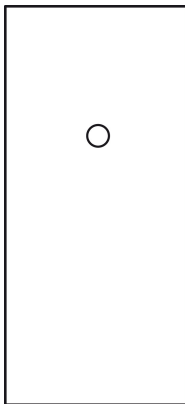
Technical data

Design::	Cylinder with thread
Dimensions (W x H x D):	107.7 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 _S 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



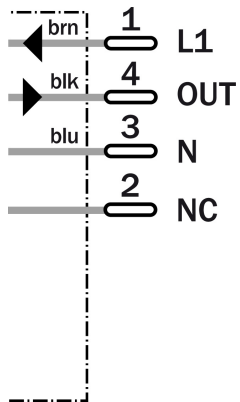
Adjustment possible



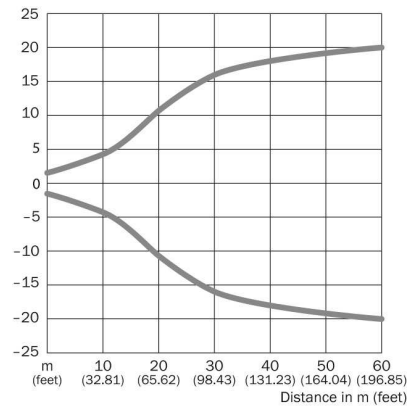
Connection type



Connection diagram



Light spot diameter



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