



## CYLINDRICAL PHOTOELECTRIC SENSORS, VTB18-4P1240

URL: <https://www.sxplc.com/cylindrical-photoelectric-sensors-vtb18-4p1240>

### Product data sheet

<b>Functional principle</b>	Photoelectric proximity sensor
<b>Functional principle detail</b>	Background suppression
<b>Dimensions (W x H x D)</b>	18 mm x 18 mm x 79.4 mm
<b>Housing design (light emission)</b>	Cylindrical
<b>Housing length</b>	79.4 mm
<b>Thread diameter (housing)</b>	M18 x 1
<b>Optical axis</b>	Axial
<b>Sensing range max.</b>	25 mm ... 140 mm <sup>1)</sup>
<b>Sensing range</b>	30 mm ... 130 mm
<b>Focus</b>	Approx. 5°
<b>Type of light</b>	Visible red light
<b>Light source</b>	LED <sup>2)</sup>
<b>Light spot size (distance)</b>	Ø 12 mm (130 mm)
<b>Angle of dispersion</b>	Approx. 5°
<b>Wave length</b>	660 nm
<b>Adjustment</b>	Potentiometer, 270° (Sensing range) Potentiometer, 270°

