



Photoelectric sensors
Background suppression, Photoelectric proximity
sensor, PProduct group W18-3

WT18-3A600S02



Model Name > [WT18-3A600S02](#)
Part No. > [1026562](#)



Product features

Sensing range min ... max::	50 mm ... 100 mm
Light source::	LED
Type of light:	Infrared light
Light spot diameter:	5 mm at 100 mm distance
Laser:	Infrared light
Sensing range max.:	50 mm ... 100 mm
Relating to:	Object with 6 % remission (based on standard white to DIN 5033)

Technical data

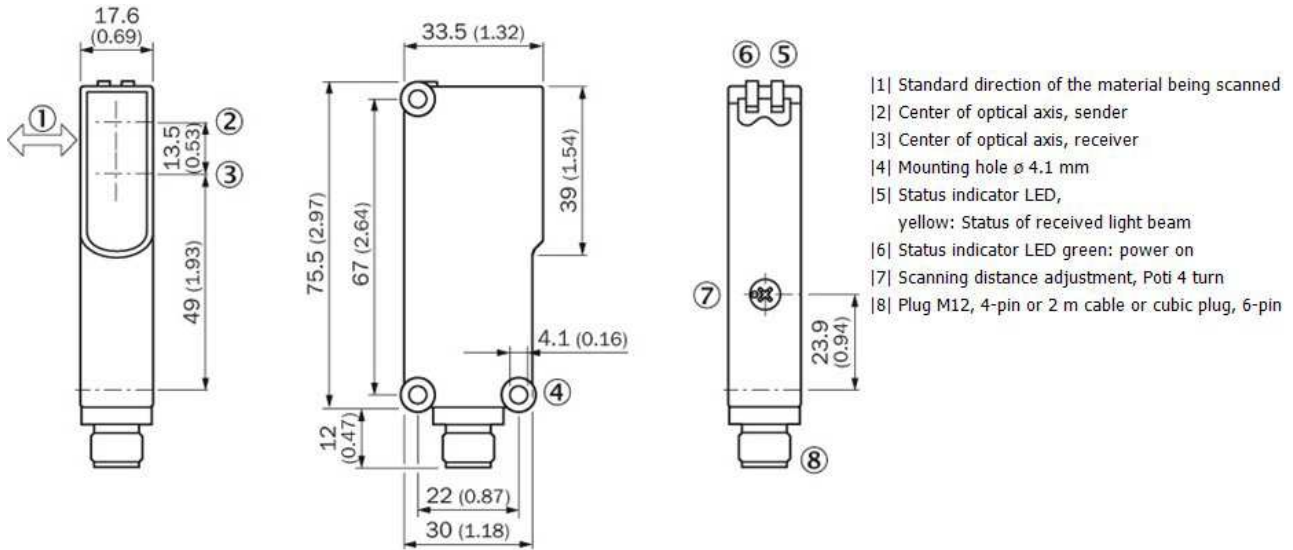
Design::	Rectangular
Dimensions (W x H x D):	17.6 mm x 75.5 mm x 33.5 mm
Supply voltage min ... max::	DC 10 ... 30 V ¹⁾
Ripple:	< 5 Vpp
Power consumption:	< 20 mA
Output type:	PNP/NPN
Switching mode:	Dark-switching
Output current max.:	< 50 mA
Response time::	< 500 µs
Switching frequency:	1,000 Hz
Connection type:	Connector, Q6, 6-pin, DC
Circuit protection:	V ₊ connections reverse-polarity protected/All outputs short-circuit protected/Interference suppression
Enclosure rating::	IP 65
Ambient operation temperature, min ... max::	-40 °C ... +60 °C
Ambient storage temperature, min ... max:	-40 °C ... +70 °C
Weight:	ca. 40 g
Housing material:	ABS

Series:

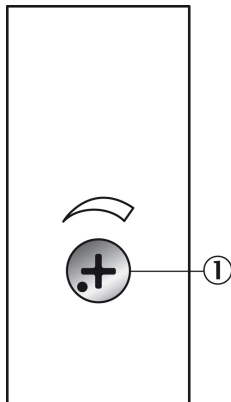
W18-3

1) Limit values, reverse-polarity protected operation in short-circuit protected network max. 8 A

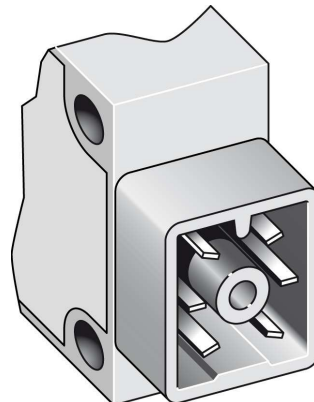
Masszeichnung



Einstell-Möglichkeiten



Anschlussart



Anschluss-Schema

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