



Photoelectric sensors
Photoelectric retro-reflective sensor, Product
group W170

WL170-P430

Model Name > [WL170-P430](#)
Part No. > [6010190](#)



Product features

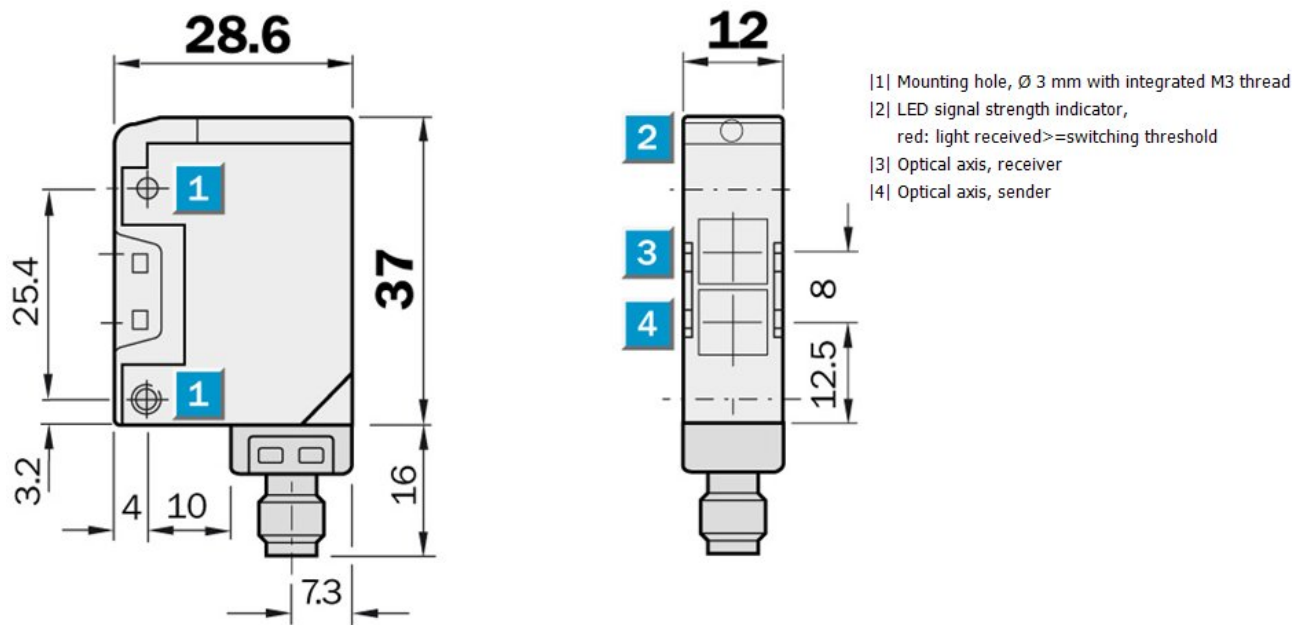
Sensing range min ... max:	0 m ... 0.3 m
Type of light:	Visible red light
Laser:	Visible red light
Sensing range max.:	0 m ... 3.5 m
Light spot size:	Approx. 200 mm at 2.5 m distance

Technical data

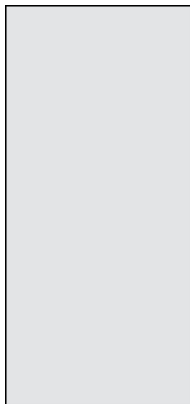
Design:	Rectangular
Dimensions (W x H x D):	12 mm x 28.6 mm x 37 mm
Supply voltage min ... max:	DC 10 ... 30 V ¹⁾
Switching output:	PNP: open collector: Q
Switching mode:	Light-/dark-switching via L/D control cable
Response time:	≤ 0.7 ms
Enclosure rating:	IP 67
Ambient operation temperature, min ... max:	-25 °C ... +55 °C
Housing material:	Stainless steel/ABS
Series:	W170
Polarisation filter:	✓
AS Interface chip:	0

¹⁾ Limit values

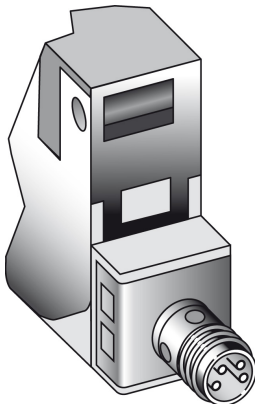
Dimensional drawing



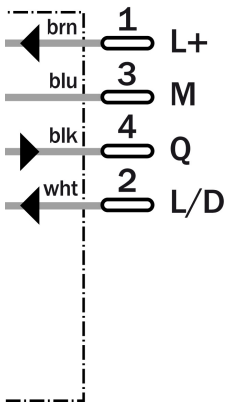
Adjustment possible



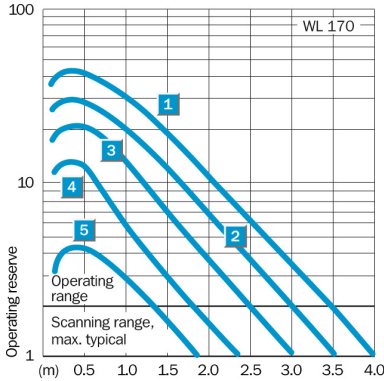
Connection type



Connection diagram



Characteristic curve



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