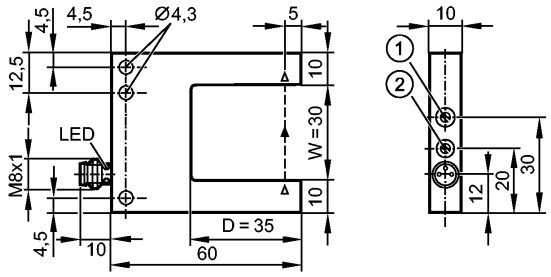
efector200

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Photoelectric sensors



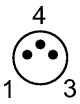
1: potentiometer sensitivity
2: output function switch

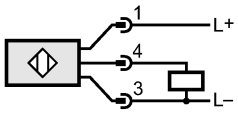
Product characteristics		
Optical fork sensor		
Connector		
Electrical data		
Electrical design		DC PNP
Operating voltage	[V]	10...35 DC
Current consumption	[mA]	< 30
Type of light		Red light 660 nm
Protection class		III
Reverse polarity protection		yes
Outputs		
Output function		light-on/dark-on mode selectable
Voltage drop	[V]	< 2.8
Current rating	[mA]	200
Short-circuit protection		pulsed
Overload protection		yes
Switching frequency	[Hz]	4000
Range		
Smallest detectable object	[mm]	0.5
Environment		
Ambient temperature	[°C]	-25...60
Protection		IP 67
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[Years]	571
Mechanical data		
Fork depth D	[mm]	35
Fork width W	[mm]	30
Housing materials		housing: diecast zinc black anodised; lens: glass
Weight	[kg]	0.089
Displays / operating elements		
Output status indication	LED	yellow
Electrical connection		
Connection		M8 connector

Wiring

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Remarks

Pack quantity	[piece]	1