



Retro-reflective sensor

OAP-FKOA/LS500L



1 selection switch and potentiometer under cover

Product characteristics

Housing rectangular

Application

Special feature polarisation filter

Function principle Retro-reflective sensor

Electrical data

Frequency AC [Hz] 47...63

Operating voltage [V] 20...250 AC/DC

Max. power consumption [VA] 3.5

Protection class II

Outputs

Electrical design relay

Output function light-on/dark-on mode; (programmable)

Contact rating 250 V AC / 3 A / 360 VA, 125 V DC / 3 A / 30 W

Switching frequency AC [Hz] 10

Switching frequency DC [Hz] 10

Short-circuit protection no

Overload protection no

Detection zone

Range referred to prismatic reflector [m] 8; (Prismatic reflector Ø 80 E20005)



Retro-reflective sensor

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Range adjustable	yes
Polarisation filter available	yes

Operating conditions

Ambient temperature [°C]	-25...60
Protection	IP 65

Mechanical data

Weight [g]	362.874
Housing	rectangular
Dimensions [mm]	90 x 30 x 70
Materials	PBT
Lens material	PMMA
Lens alignment	side lens

Displays / operating elements

Display	switching status	1 x LED, yellow
	operation	1 x LED, green
	function	1 x LED, red

Accessories

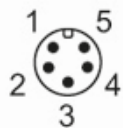
Items supplied	Angle bracket
	screwdrivers

Remarks

Pack quantity	1 pcs.
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Electrical connection

Connector: 1 x 7/8"; coding: A



Connection

