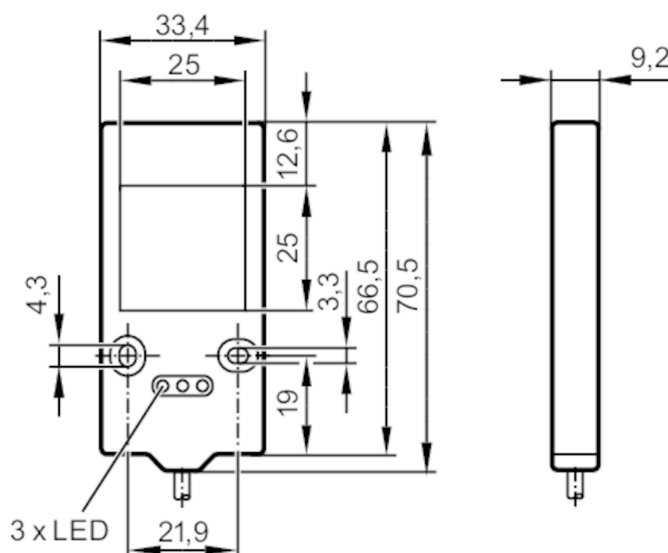# O2D900

External illumination

BACKLIGHT 25X25 RED

Article no longer available - archive entry

Alternative articles: O2D940
When selecting an alternative article and accessories please note that technical data may differ!

Product characteristics

Type of light		red light

Application

Illuminated field	[mm]	25 x 25
Design		backlight
Type of operation		high light intensity (max. pulse length: 50 ms; max. mark-to-space ratio: 1/10); normal light intensity (permanent operation possible)

Electrical data

Operating voltage tolerance	[%]	-10...10
Operating voltage	[V]	24 DC
Current consumption	[mA]	Operating mode "permanent operation": 50; operating mode "high light intensity": 25
Protection class		III
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	660

Inputs

Trigger	24 V PNP (IEC 61131-1)

Outputs

Overload protection	yes

Operating conditions

Ambient temperature	[°C]	0...50
Protection		IP 65

O2D900

External illumination

Overheat protection	yes

Tests / approvals	
MTTF [years]	509

Mechanical data	
Weight [g]	94.5
Dimensions [mm]	66.5 x 33.4 x 9.2
Material	aluminum
Lens material	PMMA

Displays / operating elements		
Display	Illumination status	1 x LED, yellow
	Power	1 x LED, green
	Excess temperature / overload	1 x LED, red

Remarks	
Pack quantity	1 pcs.

Electrical connection	
Cable: 2 m, PUR; 4 x 0.14 mm²	

Connection
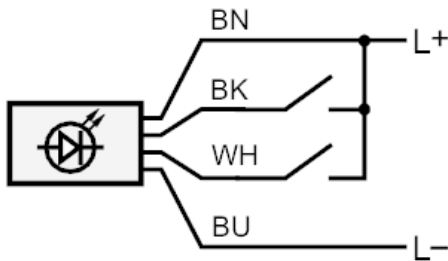
black	Trigger
white	operating mode "high light intensity"
	Core colors :
BK =	black
BN =	brown
BU =	blue
WH =	white