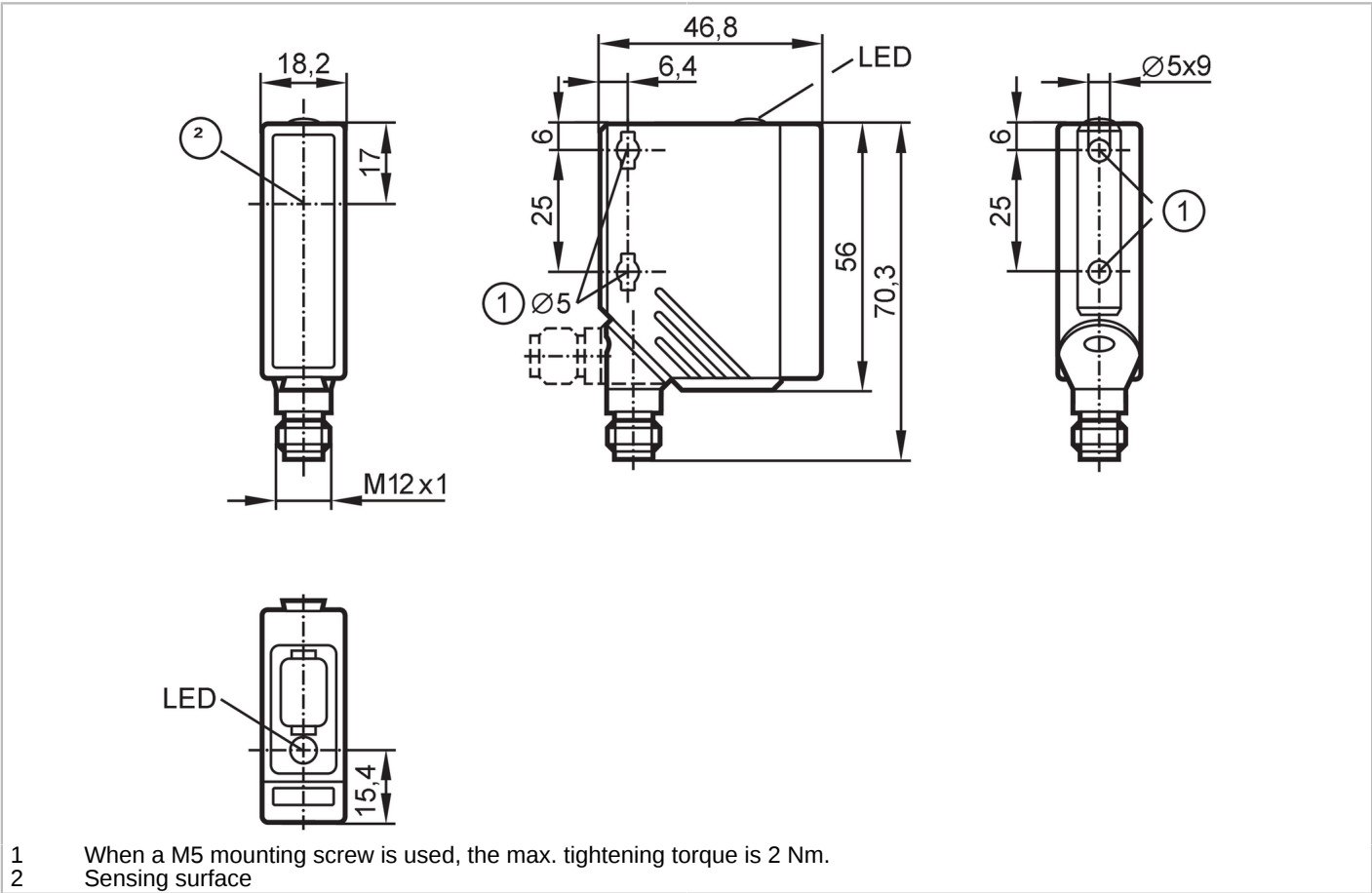


O5E200



Through-beam sensor receiver

O5E-DPKG/US100



Product characteristics		
Type of light		red light
Housing		rectangular
Application		
Function principle		Through-beam sensor
Application		Industrial applications
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	10
Protection class		II
Reverse polarity protection		yes
Type of light		red light
Wave length	[nm]	624
Outputs		
Electrical design		PNP
Output function		dark-on mode
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	200

O5E200



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Switching frequency DC	[Hz]	1000
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

Monitoring range

Transmitter / receiver		receiver
Range	[m]	< 20
Range adjustable		no

Operating conditions

Ambient temperature	[°C]	-25...60
Protection		IP 67

Tests / approvals

EMC		EN 60947-5-2
MTTF	[years]	1134

Mechanical data

Weight	[g]	61.5
Housing		rectangular
Dimensions	[mm]	56 x 18.2 x 46.8
Material		operator interface: TPE; housing: PA; Front framework: stainless steel
Lens material		front lens:PMMA
Lens alignment		Side sensing

Displays / operating elements

Display	Switching status	1 x LED, yellow
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Remarks

Remarks		cULus - Class 2 source required
Pack quantity		1 pcs.

Electrical connection

Connector: 1 x M12; coding: A; Contacts: 4





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Connection



Diagrams and graphs

excess gain graph

