

O5S51A



Through-beam sensor transmitter

O5S-OOKG/US100/3D



1 programming buttons



Product characteristics

Type of light	red light
Housing	rectangular

Application

Function principle	Through-beam sensor
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Electrical data

Operating voltage	[V]	10...30 DC; (when used outside the hazardous area: 10...36)
Current consumption	[mA]	20
Protection class		III
Reverse polarity protection		yes

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Type of light	red light	
Detection zone		
Transmitter / receiver	transmitter	
Range [m]	< 25	
Range adjustable	no	
Max. light spot diameter [mm]	625	
Operating conditions		
Ambient temperature [°C]	-10...50	
Note on ambient temperature	when used outside the hazardous area: -25...60 °C	
Protection	IP 65	
Tests / approvals		
ATEX marking	 II 3D Ex tc IIIC T105°C Dc X	
EMC	EN 60947-5-2	
MTTF [years]	617	
Mechanical data		
Weight [g]	332.5	
Housing	rectangular	
Dimensions [mm]	105 x 30 x 62	
Materials	housing: PA; bezel: stainless steel; operator interface: TPU; Protective bracket: stainless steel	
Lens material	PMMA	
Lens alignment	side lens	
Displays / operating elements		
Display	operation	1 x LED, green
Remarks		
Pack quantity	1 pcs.	
Electrical connection		

Connector: 1 x M12; coding: A



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Connection

