

O5S51A



Through-beam sensor transmitter

O5S-00KG/US100/3D



1 programming buttons



Application

Function principle

Through-beam sensor

Electrical data

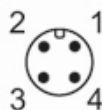
Operating voltage	[V]	10...30 DC; (outside hazardous areas: 10...36)
Current consumption	[mA]	20
Protection class		III
Reverse polarity protection		yes
Type of light		red light

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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	outside hazardous areas: -25...60	
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]	336.8	
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		
		

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Connection

