SLB440-ER-2-ST-H



- **SLB 440 Series -**
- **Safe OSSD outputs to PLe**

- **Automatic start or restart interlock**
- **Set-up tool and diagnostic indication**
- **Height range 75 m (Reserve up to 90 m)**
- **Compact design With integral evaluation**
- **Sturdy metal enclosure with M12 connector or cable**
- **Version with heater for outdoor applications down to –30°C**

Data

Ordering data	
	SLB440-ER-2-ST-H
	103015484
EAN (European Article Number)	4030661503653
eCl@ss number, Version 9.0	27-27-27-01
Approval - Standards	
	TÜV EAC
General data	
	SLB440
	EN 61496-1 EN 61496-2
Enclosure material	Aluminium
Gross weight	230 g
Reaction time, maximum	22 ms
Reaction time, minimum	7 ms
General data - Features	
Restart interlock (manual reset)	Yes

Beam coding available	Yes
Integral System Diagnostics, status	Yes
Integral System Diagnostics	Yes
Number of beams	1
Number of fail-safe digital outputs	2
Safety appraisal	
	ISO 13849-1 EN 62061
Performance level, up to	e
Control category to EN13849	4
PFH-value	1.50 x 10^{-8} /h
Safety Integrity Level (SIL), applicable for	3
Mission Time	20 Year(s)
Safety type in accordance with IEC 61496-1	4
Mechanical data	
Detection ability for test bodies at v = 1.6 m/s	100 mm
Range, protection field, minimum	300 mm
Range, protection field, maximum	75,000 mm
Wave length of the sensor	880 nm
Mechanical data - Connection technique	
Terminal Connector	Connector M12
Terminal connector, Recipient	Connector plug M12, 5-pole
Terminal, Connector, Transmitter	Connector plug M12, 4-pole
Mechanical data - Dimensions	
Width	27.8 mm
Height	131 mm
Length	33 mm
Ambient conditions	
Protection class	IP 67 to IEC/EN 60529
Ambient temperature, minimum	-30 °C
Ambient temperature, maximum	+50 °C
Storage and transport temperature, minimum	-30 °C
Storage and transport temperature, maximum	+70 °C
	III

Electrical data	
Voltage type	DC (direct current)
Switching voltage OSSD, HIGH signal	24 V
Electrical power consumption of the receiver, maximum	5 W
Electrical power consumption of the transmitter, maximum	5 W
Length of cable, maximum	100 m
Electrical data - Fail-safe digital outputs	
Output current, (fail-safe output), maximum	0.2 A
Versions	p-type
Accessory	
	PROTECT PSC1 SRB-E-204ST

Pictures

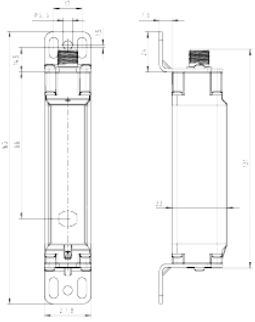
Photo/Product/Catalogue



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| 23,4 kB | .png | 74.083 x 59.619 mm - 210 x 169 Pixel - 72 dpi
| 335,5 kB | .jpg | 352.778 x 284.339 mm - 1000 x 806 Pixel - 72 dpi

Dimension/Product/Basic



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| 4,9 kB | .png | 74.083 x 93.133 mm - 210 x 264 Pixel - 72 dpi
| 140,6 kB | .jpg | 352.425 x 443.442 mm - 999 x 1257 Pixel - 72 dpi