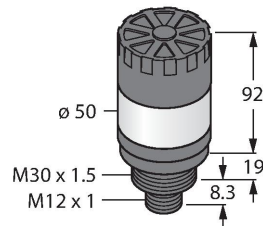


TL500AQ

LED Signal Light – Monochrome Multifunction Acoustic Signaller



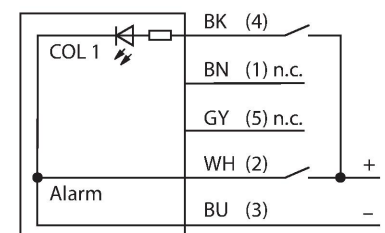
Technical data

Type	TL500AQ
ID	3034074
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Orange
Dimmable	No
Features of color 1	Orange, Permanently on, 15.5 lm
Acoustic signal	Continuous tone, 92 dB
Electrical data	
Operating voltage U_B	18...30 VDC
DC rated operating current I_e	≤ 45 mA
Operating voltage U_B	21...27 VAC
Max. current consumption per color	45 mA
Max. current consumption of beeper	25 mA
Input type	Bipolar (PNP/NPN)22
Response time typical	< 10 ms
Mechanical data	
Cascadable	No
Design	Smooth barrel, TL50
Dimensions	Ø 50 x 119.4 mm
Housing material	Plastic, ABS, Black
Window material	Polycarbonate, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	4

Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP50
- M12 x 1 male
- Monochrome: Orange (COL 1)
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN
- Beeper max. 92 dB

Wiring diagram



Functional principle

Monochrome multifunction acoustic signaller
 Rugged and well-priced LED tower, easy to install
 Illuminated segments for clear operator guidance and display of system status
 Displays up to 5 colors
 Compact devices, no controller required
 No mounting
 The wiring diagram shows a PNP pin assignment

Technical data

Ambient temperature	-20...+50 °C
Relative humidity	0...95 %
Protection class	IP50
Tests/approvals	
Approvals	CE, UL listed

Accessories

SMB30A	3032723
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Mounting bracket, rectangular, stainless steel, for sensors with 30mm thread



SMB30FA	3074005
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Montagewinkel; Werkstoff VA 1.4401



SMB30SC	3052521
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Mounting bracket, PBT black, for sensors with 30 mm thread, rotatable



Accessories

Dimension drawing	Type	ID	
	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval