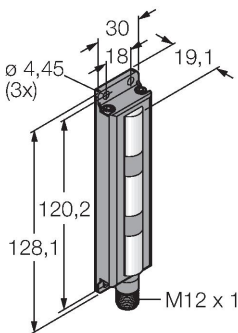


TL30FGWRQ

LED Signal Light – Multicolor/Multifunction Display



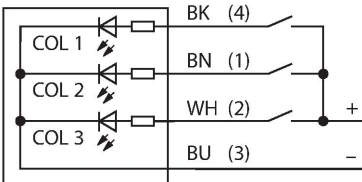
Technical data

Type	TL30FGWRQ
ID	3091250
Signal and display data	
Purpose	LED indicator light
Function	Tower light
Light type	Green White Red
Dimmable	No
Features of color 1	Green, Permanently on
Features of color 2	White
Features of color 3	Red
Electrical data	
Operating voltage U_B	18...30 VDC
DC rated operating current I_o	≤ 18 mA
Operating voltage U_B	21...27 VAC
Max. current consumption per color	18 mA
Input type	Bipolar (PNP/NPN)
Response time typical	< 1 ms
Mechanical data	
Cascadable	No
Design	Rectangular, TL30F
Dimensions	128.1 x 30 x 19.1 mm
Housing material	Metal, AL Thermoplastic material, Black
Window material	Acrylic, diffuse
Electrical connection	Connector, M12 × 1, PVC
Number of cores	4

Features

- Plastic housing, black
- EMI and RFI immune
- Protection class IP65
- M12 x 1 connector
- Multicolor: Green (COL 1) / White (COL 2) / Red (COL 3)
- Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN

Wiring diagram



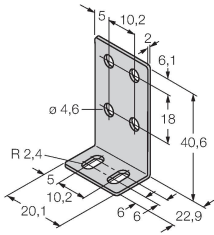
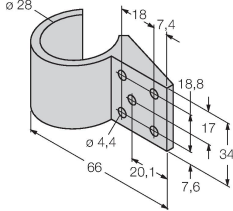
Functional principle

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

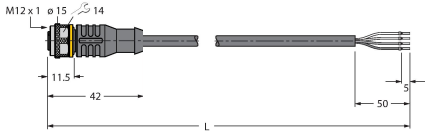
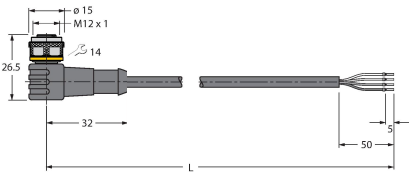
Technical data

Ambient temperature	-40...+50 °C
Relative humidity	0...95 %
Protection class	IP65
Tests/approvals	
Approvals	CE

Accessories

SMBPVA1	3056884	SMBPVA2	3054451
		Mounting bracket, for PVA and PVD, stainless steel; set consisting of two brackets and screws	
			
		Mounting bracket, for PVA and PVD, for mounting on 28 mm pipes, 4 brackets (2 per sensor) included in delivery	

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