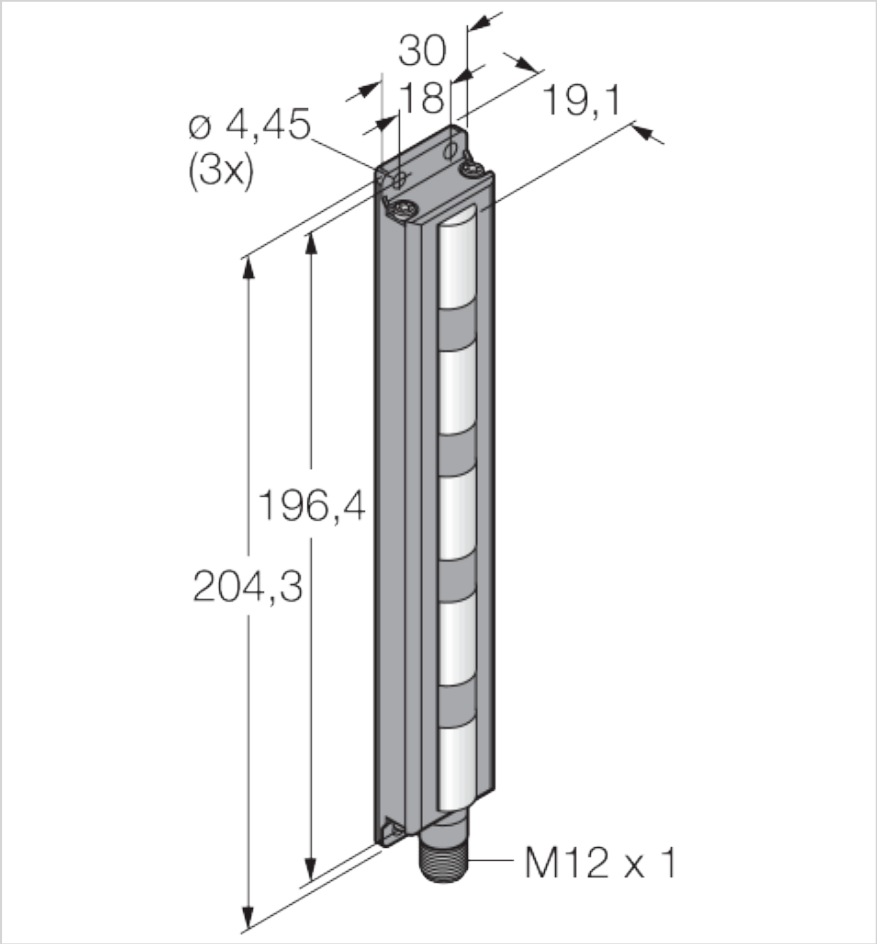


TL30FGGGGGQ

LED signal light
Multicolor/multifunction display



Type designation	TL30FGGGGGQ
Ident-No.	3085268

Technical data

General data	
Purpose	LED indicator light
Signal and Display Data	
Features of color 1	Green, Permanently on
Features of color 2	Green
Features of color 3	Green
Features of color 4	Green
Features of color 5	Green

Features

- Plastic housing, black
- Protection against electromagnetic and high-frequency interference
- Protection class IP65
- M12 × 1 male connector
- Colors: 5 x green (COL 1-5)
 - Operating voltage: 18...30 VDC or 24 VAC with 45 mA per LED color
- Inputs: PNP/NPN

Functional principle

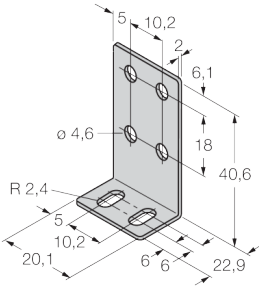
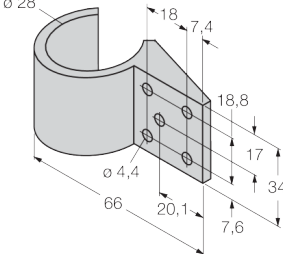
Flat multicolor/multifunction display

Technical data

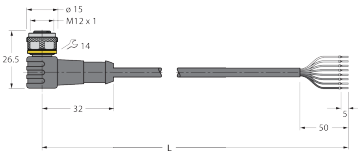
Number of colors/segments	5
Power supply	
Operating voltage U_B	21...27 VAC
Operating voltage U_B	18...30 VDC
Electrical data	
Output function	8-wire
DC rated operational current	≤ 18 mA
Max. current consumption per color	18 mA
Response time typical	<1 ms
Inputs	
Input type	Bipolar (PNP/NPN)
Mechanical data	
Design	Rectangular
Construction type designation	TL30F
Dimensions	204,3 mm x 30 mm x 19,1 mm
Housing material	Metal, AL Thermoplastic material, Black
Electrical connection	Connector, M12 x 1
Cascadable	No
Window material	Acrylic, diffuse
Cable	
Core cross-section	8
Cable Jacket Material	PVC
Ambient conditions	
Ambient temperature	-40...+50 °C
Relative humidity	0...95 %
Protection class	IP65
Tests/approvals	
Approvals	CE
Displays/controls	
Dimmable	No

Robust and cost-efficient multisegment display, simple mounting.
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.

Mounting accessories

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

Connection accessories

RKC8T-2/TEL	6625130		
 Connection cable, M12 female connector, straight, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval			
WKC8T-2/TEL	6625133		
 Connection cable, M12 female connector, angled, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval			