

TL50C10AOSKQ LED Indicator – Compact Signal Tower

Keine Maßzeichnung vorhanden!

No drawing available!

Technical data

Signal and display data Purpose LED indicator light Function Tower light Light type RGB Dimmable Programmable Features of color 1 RGB, Programmable Features of color 1 RGB, Programmable Acoustic signal Continuous tone, 99 dB Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 180 mA Operating voltage 2127 VAC Max. current consumption per color 100 mA Max. current consumption of beeper 45 mA Communication protocol IO-Link Input type Communication protocol Response time typical < 20 ms IO-Link IO-Link specification V 1.1 Communication mode COM 2 (38.4 kBaud) Process data width 16 bit Frame type Type_2_2 Function pin 4 IO-Link Maximum cable length 20 m Included in the SIDI GSDML Yes	Type	TL50C10AOSKQ	
Purpose LED indicator light Function Tower light Light type RGB Dimmable Programmable Features of color 1 RGB, Programmable Acoustic signal Continuous tone, 99 dB Electrical data Operating voltage 1230 VDC DC rated operational current ≤ 180 mA Operating voltage 2127 VAC Max. current consumption per color 100 mA Max. current consumption of beeper 45 mA Communication protocol IO-Link Input type Communication protocol Response time typical < 20 ms IO-Link specification V 1.1 Communication mode COM 2 (38.4 kBaud) Process data width 16 bit Frame type Type_2_2 Function pin 4 IO-Link Maximum cable length 20 m	• •	3804996	
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Max. current consumption per color Max. current consumption of beeper Communication protocol Input type Communication protocol Response time typical IO-Link	DC rated operational current	≤ 180 mA	
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Input type Communication protocol Response time typical < 20 ms IO-Link IO-Link specification V 1.1 Communication mode COM 2 (38.4 kBaud) Process data width 16 bit Frame type Type_2_2 Function pin 4 IO-Link Maximum cable length 20 m	Max. current consumption of beeper	45 mA	
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Function pin 4 IO-Link Maximum cable length 20 m	Process data width	16 bit	
Maximum cable length 20 m	Frame type	Type_2_2	
	Function pin 4	IO-Link	
Included in the SIDI GSDML Yes	Maximum cable length	20 m	
	Included in the SIDI GSDML	Yes	

Features

- Plastic housing, black
- Protection against electromagnetic and high-frequency interference
- ■Protection class IP67
- M12 × 1 male, 8-pin
- Flexible display with RGB LEDs
- Control of user-defined or predefined light colors
- Flashing function, alternation, two-colored display and intensity check
- Control and parametrization exclusively via IO-Link

Wiring diagram



Functional principle

The TL50 Pro IO-Link tower lights provide highly visible status displays and clear user guidance throughout the entire system. Each tower light is assembled from RGB LED elements and is available with or without beeper. They are ready to use in just a few steps and can be mounted directly on machines, on the switch cabinet or in locations to be monitored within production lines. The corresponding RGB LEDs are parameterized via an IO-Link interface. This allows predefined colors and user-defined colors within the RGB color space to be controlled, with or without lighting animations. The lighting animations include a flashing function, intensity check, rotation, alternation and two-colored displays. Compared with the standard TL50 variants, the TL50 Pro IO-Link tower lights allow a variety of models to be implemented using just one display.



Technical data

Mechanical data		
Cascadable	No	
Design	Smooth barrel, TL50C	
Dimensions	Ø 50 x 373.8 mm	
Housing material	Plastic, ABS, Black	
Window material	Polycarbonate, diffuse	
Electrical connection	Connector, M12 × 1, PVC	
Number of cores	4	
Ambient temperature	-20+50 °C	
Relative humidity	095 %	
Protection class	IP67	
Tests/approvals		
Approvals	CE, UL listed	

Accessories

SMB30A	3032723
	Mounting bracket, rectangular,



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

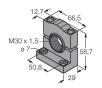


SMB30FA

3074005 Montagewinkel; Werkstoff VA 1.4401

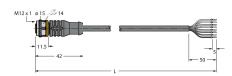
SMB30SC 3052521

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



Accessories

Dimension drawing	Туре	ID
	RKC8T-2/TEL	6625130



Connection cable, M12 female connector, straight, 8-pin, cable length: 2 m, jacket material: PVC, black; cULus approval



Dimension drawing	Туре	ID	
M12x1 o 15 14 11.5 + 42 - 50 - 50 - 50 - 50 - 50 - 50 - 50 - 5	RKC4.4T-2/TEL	6625013	Connection cable, M12 female connector, straight, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval
015 M12x1 26.5	WKC4.4T-2/TEL	6625025	Connection cable, M12 female connector, angled, 4-pin, cable length: 2 m, jacket material: PVC, black; cULus approval