

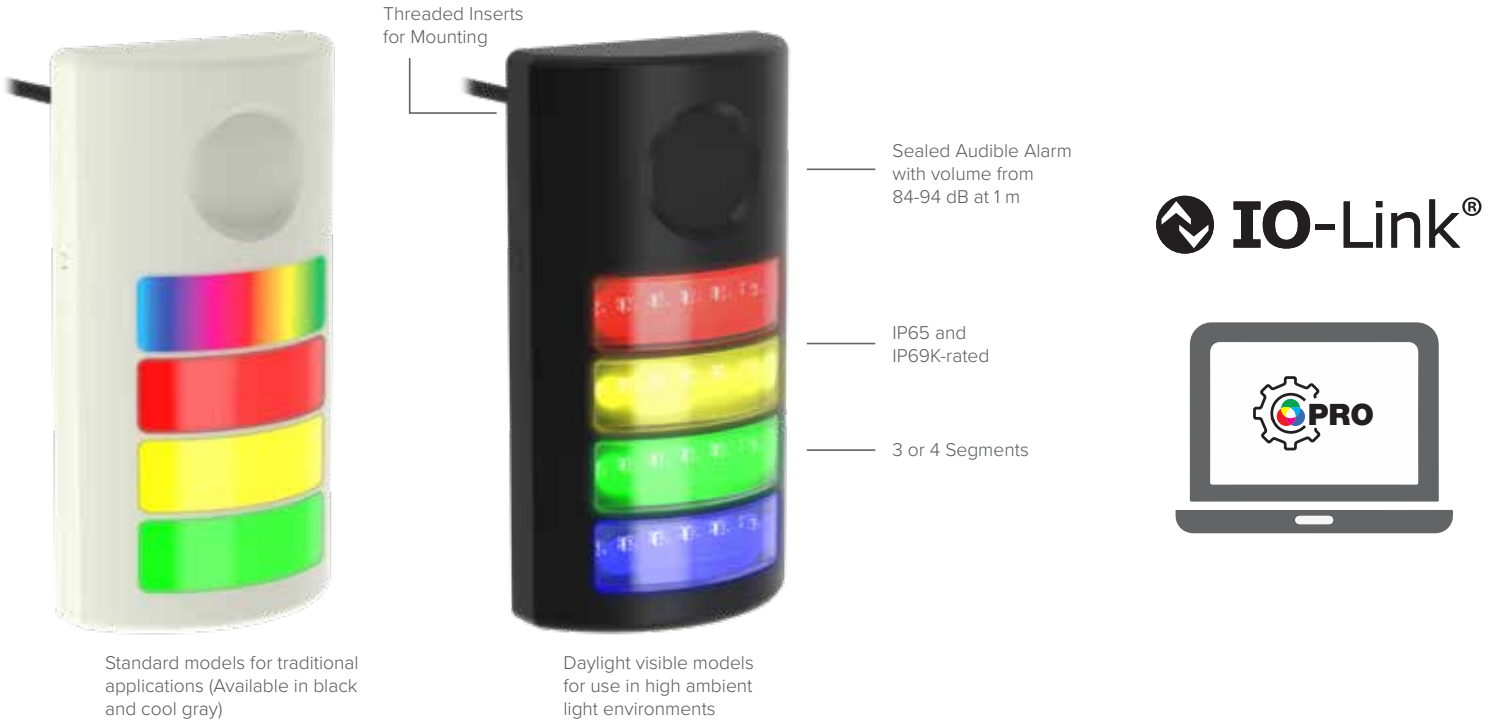
TLF100 Pro Tower Lights



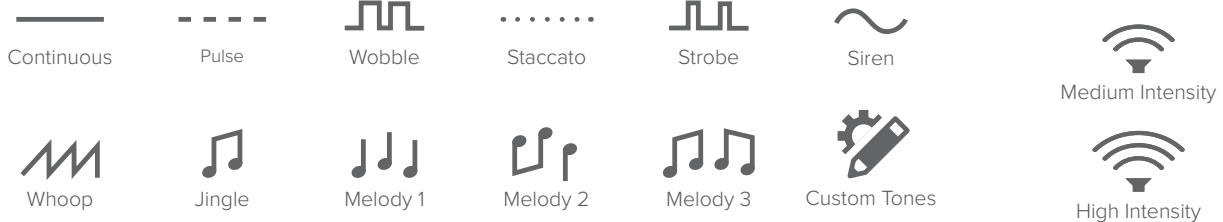
TLF100 Pro Flush Mount Tower Lights

- Flush mounting allows for easy integration to machines and equipment
- Illuminated segments provide easy-to-see operator guidance and indication of equipment status
- Audible models available with sealed audible element, 14 selectable audible tones, and audible intensity control

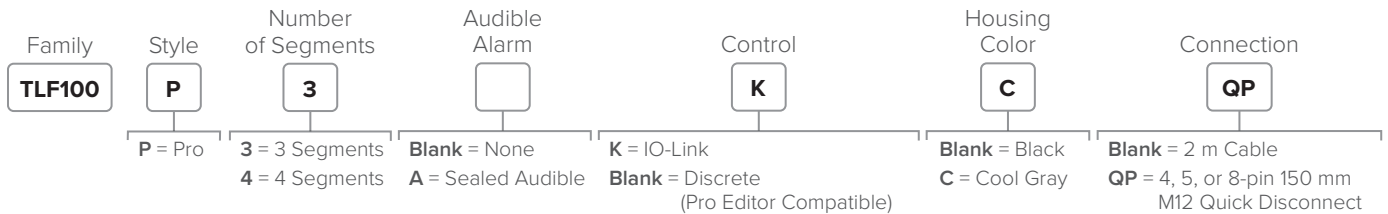
Superior Indication with Advanced Animations and Audible



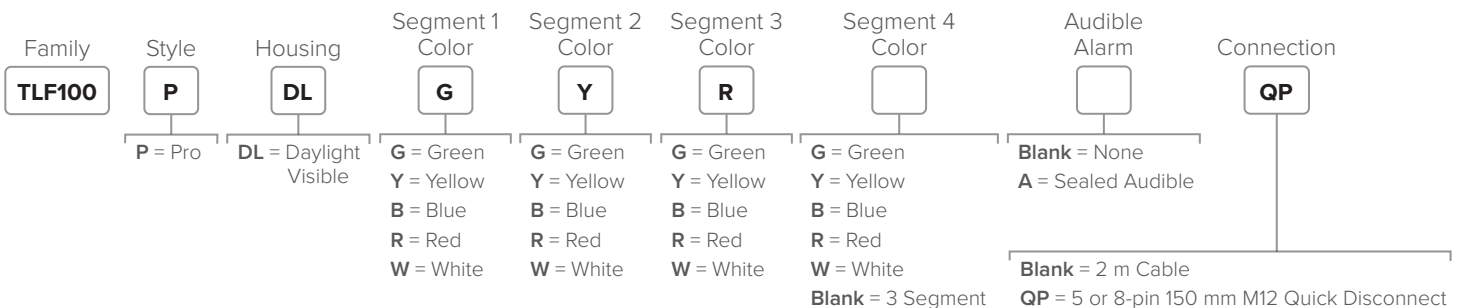
Audible Tones



TLF100 Pro



TLF100 Pro Daylight Visible



Clear Visual Indication for Automotive Assembly Lines

Challenge

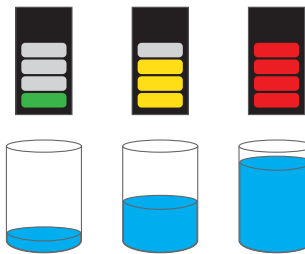
An automotive factory assembly line is shut down when issues arise, slowing production or stopping it entirely. Workers need to be alerted of the assembly line status in real-time so they can resolve issues quickly, thereby reducing downtime and maintaining efficiency.

Solution

Using visual and audible indication to identify process concerns helps workers quickly find and fix the errors, returning the system to its normal operating state in a timely fashion. By installing a TLF100 Pro Flush Mount Tower Light above the assembly line, technicians were able to see and hear clear status indication. The highly visible tower light enabled better visual management by allowing operators to quickly check machine status. The TLF100 can show green when the assembly line is running smoothly, yellow to indicate warning, and red when there is a stoppage or maintenance is needed. The TLF100 installed easily and blended smoothly to the pillar surface. Additionally, an audible alarm was implemented that sounded whenever the light turned red. The same device can be configured to use other colors and sounds, allowing standardized ordering and usage across multiple applications. Installing the TLF100 Pro improved communication across the facility and reduced downtime by giving immediate attention to issues on the assembly line.



Modes and Animations



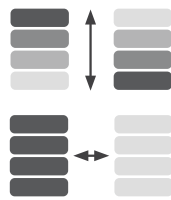
Level



Multicolor



Scroll



Intensity Sweep



Audible



Timer



Bounce



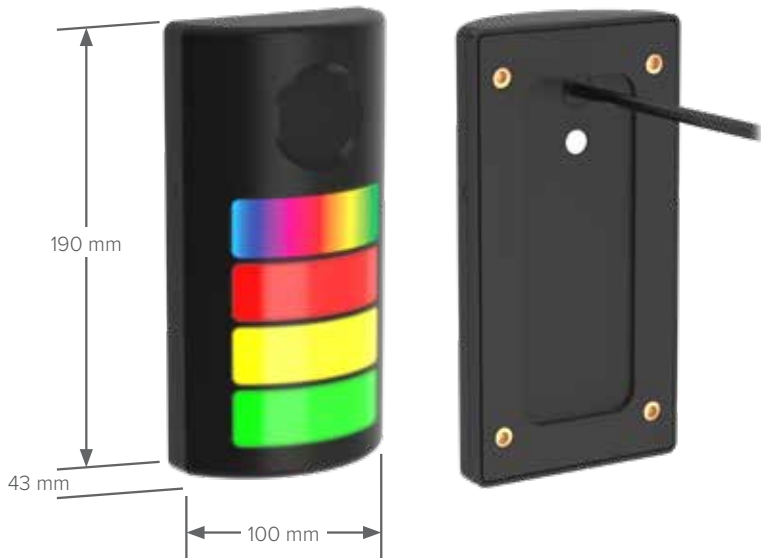
Flash







Counter

TLF100 Pro Flush Mount Tower Lights

Specifications



Power	Pro Editor Compatible Models: 12 V dc to 30 V dc IO-Link Models: 18 V dc to 30 V dc
Operating Conditions	-40 to 50 °C
Construction	Bases, Covers, Light Segment: Polycarbonate
Environmental Rating	IP65, IP69K per DIN 40050-9, and UL Type 4X
Certifications	   

Accessories

Mounting Bracket



SMBTLF100F
Mounted Vertically



SMBTLF100F
Mounted Horizontally

Cordsets



4-Pin Double-Ended M12
(for IO-Link models)
Straight connector models listed

MQDEC-403SS
1 m (3')
MQDEC-406SS
1.8 m (6')
MQDEC-412SS
3.6 m (12')



5-Pin M12
Straight connector models listed;
for right-angle models, add RA to
the end of model number
(example, MQDC1-506RA)

MQDC1-506
2 m (6.5')
MQDC1-515
5 m (15')
MQDC1-530
9 m (30')



8-Pin M12
Straight connector models listed;
for right-angle models, add RA to
the end of model number
(example, MQDC2S-806RA)

MQDC2S-806
2 m (6.5')
MQDC2S-815
5 m (15')
MQDC2S-830
9 m (30')

Pro Editor Accessories

MQDC-506-USB
Pro Converter Cable
CSB-M1251FM1251M
Splitter
PSW-24-1
Power Supply

ACC-PRO-CABLE5
Mating accessory for cabled
and terminal model
MQDC-801-5M-PRO
5-pin to 8-pin double-ended cordset



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