TURCK | BANNER

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PRODUCT RANGE

OVERVIEW

FEATURES

- Sensors

- Cordsets / Connectors

- Machine Safety

- IO Link

- Indicators / Lighting

SENSORS

INDUCTIVE

- **M8 Thread: 2mm - 6mm Range**
- **M12 Thread: 2mm - 10mm Range**
- **M18 Thread: 5mm - 15mm Range**
- **M30 Thread: 10mm - 30mm Range**
- **FLATPACK: 5mm - 20mm Range**
- **Rectangular: CK40 Series 30mm - 50mm, CP40 Series 15mm - 50mm, CP80/K90/Q80 Series 40mm -100mm Range**

PHOTOELECTRIC

- **QS18, T18, TM18, S18 Series: 18mm**
- **QS30 Series: 30mm**
- **Q3X Contrast (M18): 50mm - 300mm**
- **Q12 Miniature Series, SLM Fork Series, R58 Colour Mark Series, Fibre Optic Series**

LASER MEASURING

- **LM Series: 50mm -150mm Range**
- **Q4X Series: 300mm / 600mm Range**
- **LE Series: 400mm / 1000mm Range**
- **Q5X Series: 2000mm / 5000mm Range**
- **LTF Series: 12000mm / 24000mm Range**
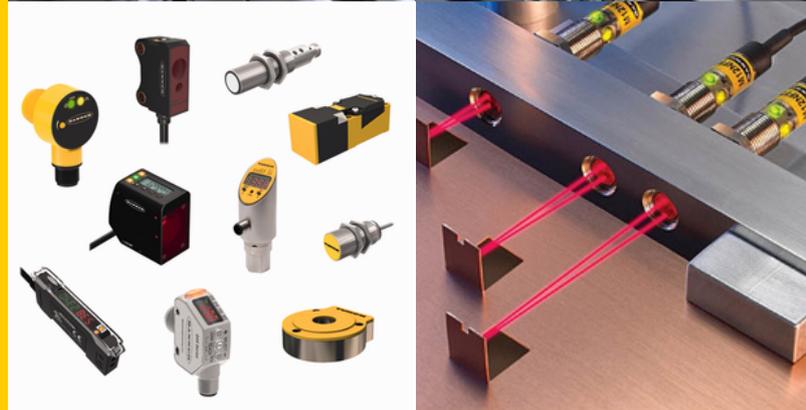
ULTRASONIC

- **Banner Ultrasonics: Max Range 300mm - 8000mm**
- **Turck Ultrasonics: Max Range 1000mm - 6000mm**
- **Turck Level Control: Max Range 400mm - 1300mm**

CORDSETS / CONNECTORS

- **M8 PICOFAST Cordsets and Extension Cables**
- **M12 EUROFAST Cordsets and Extension Cables**
- **NAMUR Cordsets**
- **Field Attachables**
- **CAN / DEVICENET**
- **M12 Panel Connectors**
- **Over-moulded or field-wirable**
- **Different cable materials for every application**

MACHINE SAFETY

SAFETY LASER SCANNER

- Ideal solution for complex applications with horizontal and vertical detection zones
- Cost-effective, compact, one-piece design with 275 degrees of monitoring

PROGRAMMABLE SAFETY CONTROLLERS

- SC10 -Compact Hybrid / SC26 -Non-Expandable/ XS -Expandable
- PC configuration / Ethernet Enabled

LIGHT CURTAINS

- 14, 23 & 40mm resolution to provide finger, hand and ankle detection

ILLUMINATED E-STOPS

- 30mm Mount Electro-Mechanical E-Stop Button IP65

ENBLING DEVICES

- Two touch/hand control kits and push buttons

CIP SAFE & PROISAFE BLOCKS

- CIP: Block module for EtherNet/IP and CIP safety.
- PROFIsafe: Compact PROFIsafe / PROFINET Block I/O module
- Safe digital inputs and outputs

SAFETY RELAYS

- E-stop & Interlocked Guard / Universal Input / Safety Mat Monitoring / Safe Speed Monitoring / Interface Relay / Extension Relay / Two-Hand Control

IO LINK MASTERS & HUBS

MASTERS (BLOCK)

- Multiprotocol Blocks: EtherNet/IP, Modbus TCP, PROFINET
- EtherCAT Blocks
- Field Logic Controller (FLC) Programmable with ARGEE

HUBS

- I/O Hubs for connecting signals to IO-Link Master
- All standard 24-VDC devices can be incorporated into automation systems via IO-Link using the I/O hubs. The hubs are available with inputs and outputs as well as combined variants with universal digital I/Os

UNIVERSAL IN-LINE CONVERTERS

- Modbus and Analog to IO-Link Converters
- Two Analog to IO-Link converter models
- Compact housing and M12 connectors for easy in-line installation
- Tough over-moulded housing rated to IP68 for use in harsh environments

INDICATORS / LIGHTING

TOWER LIGHTS

TL50 Series (Pre-assembled)

- 50mm diameter
- 22mm mounting hole diameter
- IP50 & IP67 Models
- Programmable (PRO) models & IO Link Models
- LED Technology
- Eliminates false indication from ambient light; indicators appear gray when off
- Wide range of mounting options

TL70 Series (Modular)

- 70mm diameter - Modular System
- 30mm diameter mounting hole
- Wide range of mounting options
- AC & DC Models available
- RGB14 segment provides choice of fourteen colours in one segment
- Stack up to six single colour segments plus one audible per device
- IP65 Rating
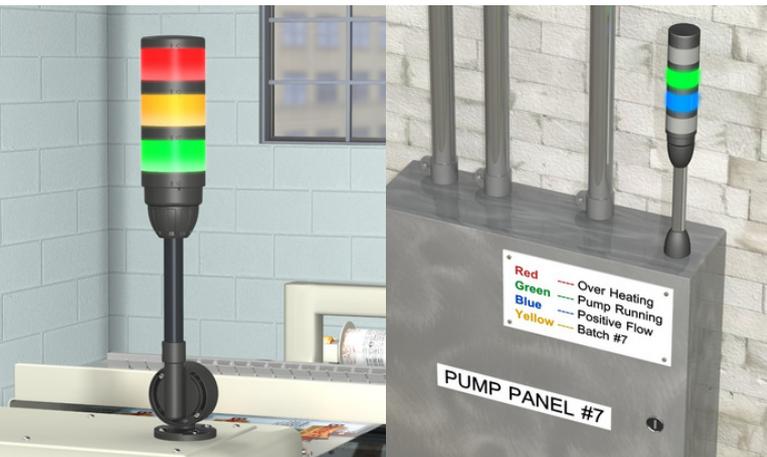
CABINET LIGHTING

- Enclosure lighting provides a brilliant, bright LED illumination and features a compact, low-profile design, ideal for use in tight and confined areas
- Cascadable models, AC or DC powered versions, and a broad range of mounting brackets provide flexibility and simplify installation
- WLS15 Series is completely sealed with an IP67 rating for use in wet or dusty environments
- WLB32 Series include a High/Low/Off switch which allows users to customise light levels