

# **TURCK**

Your Global Automation Partner



# Lear JIT & Structures Europe

Project Manual

## Note

The information contained in the manual is subject to constant updating and improvement; we therefore recommend using the hyperlinks included. Please also check if you have the latest version of the manual.

This manual is provided as a service by Turck and does not contain any legally binding content. It cannot replace individual information, consultations and agreements. Turck accepts no liability for possible errors or incompleteness.

Contents

|                               |    |
|-------------------------------|----|
| Note                          | 2  |
| Contact                       | 4  |
| Sensor technology             | 5  |
| Connection technology         | 7  |
| HF read/write head            | 8  |
| Fieldbus technology           | 9  |
| HMI                           | 11 |
| Power supply                  | 12 |
| LED indicators                | 13 |
| Turck Branches — Contact Data | 18 |

## Contact

| Key Account Manager                |  | Judith Fuchs       |                           |
|------------------------------------|--|--------------------|---------------------------|
| European Automotive Team           |  | Mobile             | +49 151 44355982          |
| Hans Turck GmbH & Co. KG           |  |                    |                           |
| Witzlebenstr. 7                    |  |                    |                           |
| 45472 Mülheim an der Ruhr, Germany |  | Email              | judith.fuchs@turck.com    |
| Automotive Manager Europe          |  | Hans-Günter Kübler |                           |
| European Automotive Team           |  | Phone              | +49 208 4952-0            |
| Hans Turck GmbH & Co. KG           |  | Mobile             | +49 160 97263280          |
| Witzlebenstr. 7                    |  |                    |                           |
| 45472 Mülheim an der Ruhr, Germany |  | Email              | hans.kuebler@turck.com    |
| Project Sales Engineer Automotive  |  | Johannes Louven    |                           |
| European Automotive Team           |  | Phone              | +49 208 4952-4041         |
| Hans Turck GmbH & Co. KG           |  | Mobile             | +49 151 16740428          |
| Witzlebenstr. 7                    |  |                    |                           |
| 45472 Mülheim an der Ruhr, Germany |  | Email              | johannes.louven@turck.com |

## Sensor technology

NI50U-QV40-AP6X2-H1141

ID 1625853



Inductive sensor

with extended switching distance

- Rated switching distance: 50 mm
- Mounting conditions: Not flush
- Operating voltage: 10...30 VDC
- Output function: NO, PNP
- Switching frequency: 0.25 kHz
- Dimensions: 65 × 40 × 40 mm
- Housing material: Plastic, PBT-GF30-V0
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -30...+85 °C
- Protection class: IP68
- Special features: uprox+, factor 1, resistant to magnetic fields
- Further information: [www.turck.de/en/products/1625853](http://www.turck.de/en/products/1625853)

NI50U-CK40-AP6X2-H1141

ID 1625837



Inductive sensor

with extended switching distance

- Rated switching distance: 50 mm
- Mounting conditions: Not flush
- Operating voltage: 10...30 VDC
- Output function: NO, PNP
- Switching frequency: 0.25 kHz
- Dimensions: 65 × 40 × 40 mm
- Housing material: Plastic, PBT-GF20-V0
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -30...+85 °C
- Protection class: IP68
- Special features: uprox+, factor 1, resistant to magnetic fields
- Further information: [www.turck.de/en/products/1625837](http://www.turck.de/en/products/1625837)

T18-2VPFF200-Q8

ID 3802682



Photoelectric sensor

Diffuse-mode sensor with fixed background suppression

Background suppression, non-adjustable

- Range: 0...200 mm
- Light type: IR
- Wavelength: 624 nm
- Operating voltage: 10...30 VDC
- Output function: Changeover contact, PNP
- Dimensions: 30 × 30 × 54
- Housing material: Plastic, thermoplastic material
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -40...+70 °C
- Protection class: IP67/IP68/IP69K
- Special features: Chemical resistant, wash down
- Further information: [www.turck.de/en/products/3802682](http://www.turck.de/en/products/3802682)

Q4XTKLAF300-Q8

ID 3095301



- Photoelectric sensor  
Laser distance sensor (triangulation)  
with switching output and IO-Link  
Background/foreground suppression
- Range: 25...300 mm
  - Light type: Red
  - Wavelength: 655 nm
  - Optical resolution: 1 mm
  - Laser class: 1
  - Operating voltage: 10...30 VDC
  - Output function: NO/NC, push-pull, PNP/NPN programmable
  - Communication protocol: IO-Link
  - Dimensions: 43.5 × 18 × 57.5 mm
  - Housing material: Stainless steel
  - Window material: Acrylic, clear
  - Electrical connection: Connector, M12 × 1
  - Ambient temperature: -10...+50 °C
  - Storage temperature: -25...+75 °C
  - Protection class: IP67/IP68/IP69K
  - Special features: Chemical resistant, clear object detection, wash down
  - Further information: [www.turck.de/en/products/3095301](http://www.turck.de/en/products/3095301)

## Connection technology

### MQDC-406

ID 3045136



Connection cable

Female connector

- Operating voltage: 0...250 VAC/0...250 VDC
- Housing material: Plastic
- Electrical connection: Cable with connector, M12 × 1
- Cable length: 1.83 m
- Ambient temperature: -40...+105 °C
- Protection class: IP67/IP69K
- Further information: [www.turck.de/en/products/3045136](http://www.turck.de/en/products/3045136)

### MQDEC-403SS

ID 3047631



Extension cable

- Further information: [www.turck.de/en/products/3047631](http://www.turck.de/en/products/3047631)

## HF read/write head

**TN-Q40-IOL2-H1141****ID 100012163**

## HF read/write head

## IO-Link

- Mounting conditions: Not flush
- Radio communication and protocol standards: ISO 15693, NFC type 5
- Network protocol: IO-Link
- Operating voltage: 11...32 VDC
- Output function: Read/write, IO-Link
- Dimensions: 66 × 40 × 40 mm
- Housing material: Plastic, PBT
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -25...+80 °C
- Protection class: IP68/IP69K
- Approvals: CE, UKCA, cULus
- Further information: [www.turck.de/en/products/100012163](http://www.turck.de/en/products/100012163)

## Fieldbus technology

**TBIL-M1-16DXP**
**ID 6814102**


I/O hub for connecting digital signals to IO-Link master

16 universal digital channels, PNP

- Network protocol: IO-Link
- Signal type: Digital input, digital output, digital input/output
- Signal connection: M12
- Power supply connection: M12
- Dimensions: 150 × 54 × 27.4 mm
- Housing material: Plastic, PA6-GF30
- Ambient temperature: -40...+70 °C
- Storage temperature: -40...+85 °C
- Protection class: IP67/IP69K
- Approvals: cULus
- Further information: [www.turck.de/en/products/6814102](http://www.turck.de/en/products/6814102)

**TBIL-M1-16DXP-B**
**ID 100000881**


I/O hub for connecting digital signals to IO-Link master

16 universal digital channels, PNP

- Network protocol: IO-Link
- Signal type: Digital input, digital output, digital input/output
- Signal connection: M12
- Power supply connection: M12
- Dimensions: 150 × 54 × 27.4 mm
- Housing material: Plastic, PA6-GF31
- Ambient temperature: -40...+70 °C
- Storage temperature: -40...+85 °C
- Protection class: IP65/IP67/IP69K
- Approvals: cULus
- Further information: [www.turck.de/en/products/100000881](http://www.turck.de/en/products/100000881)

**TBEN-S1-8DXP**
**ID 6814023**


Compact multiprotocol I/O module for Ethernet

8 universal digital channels, configurable as PNP inputs or 2 A outputs

- Network protocol: EtherNet/IP, Modbus TCP, PROFINET
- Signal type: Digital input, digital output, digital input/output
- Signal connection: M8
- Fieldbus transmission rate: 10/100 Mbps
- Fieldbus connection: 2 × M8, 4-pin
- Power supply connection: M8, 4-pin
- Dimensions: 144 × 32 × 32 mm
- Housing material: Plastic, PA6-GF32
- Ambient temperature: -40...+70 °C
- Storage temperature: -40...+85 °C
- Protection class: IP65/IP67/IP69K
- Approvals: ATEX Zone 2/22, cULus
- Further information: [www.turck.de/en/products/6814023](http://www.turck.de/en/products/6814023)

**TBEN-S1-8DIP**
**ID 6814020**


- Compact multiprotocol I/O module for Ethernet  
8 digital PNP inputs, input group diagnostics
- Network protocol: EtherNet/IP, Modbus TCP, PROFINET
  - Signal type: Digital input
  - Signal connection: M8
  - Fieldbus transmission rate: 10/100 Mbps
  - Fieldbus connection: 2 × M8, 4-pin
  - Power supply connection: M8, 4-pin
  - Dimensions: 144 × 32 × 32 mm
  - Housing material: Plastic, PA6-GF33
  - Ambient temperature: -40...+70 °C
  - Storage temperature: -40...+85 °C
  - Protection class: IP65/IP67/IP69K
  - Approvals: ATEX Zone 2/22, cULus
  - Further information: [www.turck.de/en/products/6814020](http://www.turck.de/en/products/6814020)

**TBEN-LL-8IOLA**
**ID 100029880**


- Compact multiprotocol I/O module for Ethernet  
8 IO-Link master channels
- 16 universal digital PNP channels, channel diagnostics
- Network protocol: EtherNet/IP, Modbus TCP, PROFINET
  - Signal type: IO-Link, digital input, digital input/output, digital output
  - Fieldbus transmission rate: 10/100 Mbps
  - Fieldbus connection: 2 × M12, 4-pin, D-coded
  - Voltage supply connection: M12, L-coded
  - Dimensions: 230.4 × 60.4 × 34.8 mm
  - Housing material: Plastic, PA6-GF30
  - Window material: Lexan
  - Ambient temperature: -40...+70 °C
  - Storage temperature: -40...+85 °C
  - Protection class: IP65, IP67, IP69K
  - Approvals: cULus
  - Further information: [www.turck.de/en/products/100029880](http://www.turck.de/en/products/100029880)

## HMI

**OPIL-E4-IO7****ID 100049025**

Operator panel for connecting to IO-Link master

3 buttons with lamp

- Network protocol: IO-Link
- Signal type: Digital input, digital input/output, digital output
- Voltage supply connection: M12
- Ambient temperature: -40...+70 °C
- Storage temperature: -40...+85 °C
- Protection class: IP54
- Further information: [www.turck.de/en/products/100049025](http://www.turck.de/en/products/100049025)

## Power supply

**PSU67-1P-1S-2L-24150-IOL-F****ID 100028305**

- Smart power supply module in IP67  
24...28 VDC output voltage  
1-phase, 15-A output current, IO-Link interface
- Frequency range: 50/60 Hz
  - Dimensions: 183 × 180.6 × 58.7 mm
  - Electrical connection: M12
  - Ambient temperature: -25...+70 °C
  - Storage temperature: -40...+85 °C
  - Protection class: IP67
  - Further information: [www.turck.de/en/products/100028305](http://www.turck.de/en/products/100028305)

**PSU67-3P-1S-2L-24250-IOL-F****ID 100025929**

- Smart power supply module in IP67  
24...28 VDC output voltage  
3-phase, 25-A output current, IO-Link interface
- Frequency range: 50/60 Hz
  - Dimensions: 183 × 180.6 × 58.7 mm
  - Electrical connection: M12
  - Ambient temperature: -25...+70 °C
  - Storage temperature: -40...+85 °C
  - Protection class: IP67
  - Further information: [www.turck.de/en/products/100025929](http://www.turck.de/en/products/100025929)

**PSW-24-1****ID 3803521**

- Power supply unit
- Ambient temperature: -10...+40 °C
  - Further information: [www.turck.de/en/products/3803521](http://www.turck.de/en/products/3803521)

## LED indicators

**K30PTSQ2PS****ID 3809278**

- Pick-to-light
- Pick-and-place sensor
- Capacitive button
- Light type: RGB
- Dimmable: Programmable
- Cascadable: No
- Operating voltage: 12...30 VDC
- Output function: NO, PNP/NPN
- Communication protocol: Modbus RTU, RS485
- Dimensions: Ø 30 × 41 mm
- Housing material: Plastic, PC
- Window material: Polycarbonate, diffuse
- Electrical connection: Cable with connector, M12 × 1
- Cable length: 0.24 m
- Ambient temperature: -40...+70 °C
- Protection class: IP67
- Further information: [www.turck.de/en/products/3809278](http://www.turck.de/en/products/3809278)

**K50L2RGB7Q****ID 3802145**

- LED display
- Beacon
- Light type: RGB
- Number of colors/segments: 7
- Dimmable: No
- Cascadable: No
- Operating voltage: 18...30 VDC
- Output function: NO contact, potential-free
- Dimensions: Ø 50 × 69 mm
- Housing material: Plastic, PC
- Window material: Polycarbonate, diffuse
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -40...+50 °C
- Protection class: IP66/IP67/IP69K
- Special features: Wash down
- Further information: [www.turck.de/en/products/3802145](http://www.turck.de/en/products/3802145)

## K50PTCKAQ

ID 3813227



- Pick-to-light
- Pick-and-place sensor
- Capacitive button with acoustic signal transmitter
- Light type: RGB
- Dimmable: Programmable
- Operating voltage: 12...30 VDC
- Communication protocol: IO-Link
- Dimensions: Ø 50 × 62.6 mm
- Housing material: Plastic, PC
- Window material: Polycarbonate, diffuse
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -40...+70 °C
- Protection class: IP67/IP69K
- Further information: [www.turck.de/en/products/3813227](http://www.turck.de/en/products/3813227)

## K50PTCAMRGB7AQ

ID 3813215



- Pick-to-light
- Pick-and-place sensor
- Capacitive button with acoustic signal transmitter
- Light type: RGB
- Dimmable: Programmable
- Operating voltage: 12...30 VDC
- Dimensions: Ø 50 × 62.6 mm
- Housing material: Plastic, PC
- Window material: Polycarbonate, diffuse
- Electrical connection: Connector, M12 × 1
- Ambient temperature: -40...+70 °C
- Protection class: IP67/IP69K
- Further information: [www.turck.de/en/products/3813215](http://www.turck.de/en/products/3813215)

## K50PCLRGB7AQ

ID 3813339



- LED display
- Light type: RGB
- Audible signal: Key adjustable, 92 dB
- Dimmable: No
- Cascadable: No
- Operating voltage: 12...30 VDC
- Dimensions: Ø 50 × 48 mm
- Housing material: Plastic, PC
- Window material: Polycarbonate, diffuse
- Electrical connection: Connector, M12
- Ambient temperature: -40...+50 °C
- Protection class: IP67/IP69K
- Further information: [www.turck.de/en/products/3813339](http://www.turck.de/en/products/3813339)

## K50PTAMRGB7AQ

ID 3812778



- Pick-to-light  
 Pick-and-place sensor  
 Capacitive button with acoustic signal transmitter
- Light type: RGB
  - Dimmable: Programmable
  - Operating voltage: 12...30 VDC
  - Dimensions: Ø 50 × 80.6 mm
  - Housing material: Plastic, PC
  - Window material: Polycarbonate, diffuse
  - Electrical connection: Connector, M12 × 1
  - Ambient temperature: -40...+70 °C
  - Protection class: IP67/IP69K
  - Further information: [www.turck.de/en/products/3812778](http://www.turck.de/en/products/3812778)

## WLS27PXRGBW850DSKQ

ID 3807471



- Work lights  
 Linear light
- Light type: RGB
  - Dimmable: IO-Link controlled
  - Cascadable: No
  - Operating voltage: 18...30 VDC
  - Communication protocol: IO-Link
  - Dimensions: Ø 27 × 914.5 mm
  - Housing material: Plastic, FDA copolyester
  - Window material: Copolyester, diffuse
  - Electrical connection: Connector, M12 × 1
  - Ambient temperature: -40...+50 °C
  - Storage temperature: -40...+70 °C
  - Protection class: IP66/IP67/IP69K
  - Special features: Chemical resistant, wash down
  - Further information: [www.turck.de/en/products/3807471](http://www.turck.de/en/products/3807471)

## WLS27PXRGBW1130DSKQ

ID 3807475



- Work lights  
 Linear light
- Light type: RGB
  - Dimmable: IO-Link controlled
  - Cascadable: No
  - Operating voltage: 18...30 VDC
  - Communication protocol: IO-Link
  - Dimensions: Ø 27 × 1197.5 mm
  - Housing material: Plastic, FDA copolyester
  - Window material: Copolyester, diffuse
  - Electrical connection: Connector, M12 × 1
  - Ambient temperature: -40...+50 °C
  - Storage temperature: -40...+70 °C
  - Protection class: IP66/IP67/IP69K
  - Special features: Chemical resistant, wash down
  - Further information: [www.turck.de/en/products/3807475](http://www.turck.de/en/products/3807475)

**R70SR2MQ****ID 3812526**

- Wireless system  
Serial data transmission in tree topology  
Serial radio
- Range: 1,000,000 mm
  - Frequency range: 2.402...2.483 GHz
  - Operating voltage: 10...30 VDC
  - Communication protocol: Modbus RTU, RS485
  - Dimensions: Ø 70 × 87.1 mm
  - Housing material: Plastic, PC
  - Electrical connection: Connector, M12 × 1
  - Ambient temperature: -40...+85 °C
  - Protection class: IP65
  - Approvals: CE, CSA, ATEX
  - Further information: [www.turck.de/en/products/3812526](http://www.turck.de/en/products/3812526)

**SOLUTIONSKIT-PTL****ID 3808452**

- Pick-to-light
- Operating voltage: 12...30 VDC
  - Communication protocol: Ethernet/IP, Modbus TCP, Modbus RTU, RS485
  - Housing material: Plastic, PC
  - Further information: [www.turck.de/en/products/3808452](http://www.turck.de/en/products/3808452)

**LMB30LP****ID 3808590**

- Mounting bracket
- Housing material: Stainless steel, 1.4401 (AISI 316)
  - Further information: [www.turck.de/en/products/3808590](http://www.turck.de/en/products/3808590)

**SMB22RAVK****ID 3078614**

- Mounting bracket
- Housing material: Stainless steel, 1.4401 (AISI 316)
  - Further information: [www.turck.de/en/products/3078614](http://www.turck.de/en/products/3078614)

**SMBAMS30RA****ID 3073137****Mounting bracket**

- Dimensions: 48 × 45 × 48 mm
- Housing material: Stainless steel, 1.4401 (AISI 316)
- Further information: [www.turck.de/en/products/3073137](http://www.turck.de/en/products/3073137)

**SMBAMS30P****ID 3073135****Mounting bracket**

- Dimensions: 85 × 45 × 2.6 mm
- Housing material: Stainless steel, 1.4401 (AISI 316)
- Further information: [www.turck.de/en/products/3073135](http://www.turck.de/en/products/3073135)

**SMB30A****ID 3032723****Mounting bracket**

- Dimensions: 69 × 45 × 61 mm
- Housing material: Stainless steel, 1.4401 (AISI 316)
- Further information: [www.turck.de/en/products/3032723](http://www.turck.de/en/products/3032723)

## Turck Branches — Contact Data

|                       |                                                                                                                                                                                                               |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Germany</b>        | Hans Turck GmbH & Co. KG<br>Witzlebenstraße 7, 45472 Mülheim an der Ruhr<br><a href="http://www.turck.de">www.turck.de</a>                                                                                    |
| <b>Australia</b>      | Turck Australia Pty Ltd<br>Building 4, 19-25 Duerdin Street, Notting Hill, 3168 Victoria<br><a href="http://www.turck.com.au">www.turck.com.au</a>                                                            |
| <b>Austria</b>        | Turck GmbH<br>Graumannsgasse 7/A5-1, A-1150 Vienna<br><a href="http://www.turck.at">www.turck.at</a>                                                                                                          |
| <b>Belgium</b>        | TURCK MULTIPROX<br>Lion d'Orweg 12, B-9300 Aalst<br><a href="http://www.multiprox.be">www.multiprox.be</a>                                                                                                    |
| <b>Brazil</b>         | Turck do Brasil Automação Ltda.<br>Rua Anjo Custódio Nr. 42, Jardim Anália Franco, CEP 03358-040 São Paulo<br><a href="http://www.turck.com.br">www.turck.com.br</a>                                          |
| <b>Canada</b>         | Turck Canada Inc.<br>140 Duffield Drive, CDN-Markham, Ontario L6G 1B5<br><a href="http://www.turck.ca">www.turck.ca</a>                                                                                       |
| <b>China</b>          | Turck (Tianjin) Sensor Co. Ltd.<br>18,4th Xinghuazhi Road, Xiqing Economic Development Area, 300381 Tianjin<br><a href="http://www.turck.com.cn">www.turck.com.cn</a>                                         |
| <b>Czech Republic</b> | TURCK s.r.o.<br>Na Brně 2065, CZ-500 06 Hradec Králové<br><a href="http://www.turck.cz">www.turck.cz</a>                                                                                                      |
| <b>France</b>         | TURCK BANNER S.A.S.<br>11 rue de Courtalin Bat C, Magny Le Hongre, F-77703 MARNE LA VALLEE Cedex 4<br><a href="http://www.turckbanner.fr">www.turckbanner.fr</a>                                              |
| <b>Hungary</b>        | TURCK Hungary kft.<br>Árpád fejedelem útja 26-28., Óbuda Gate, 2. em., H-1023 Budapest<br><a href="http://www.turck.hu">www.turck.hu</a>                                                                      |
| <b>India</b>          | TURCK India Automation Pvt. Ltd.<br>401-403 Aurum Avenue, Survey. No 109 /4, Near Cummins Complex, Baner-Balewadi Link Rd., 411045 Pune - Maharashtra<br><a href="http://www.turck.co.in">www.turck.co.in</a> |
| <b>Italy</b>          | TURCK BANNER S.R.L.<br>Via San Domenico 5, IT-20008 Bareggio (MI)<br><a href="http://www.turckbanner.it">www.turckbanner.it</a>                                                                               |
| <b>Japan</b>          | TURCK Japan Corporation<br>ISM Akihabara 1F, 1-24-2, Taito, Taito-ku, 110-0016 Tokyo<br><a href="http://www.turck.jp">www.turck.jp</a>                                                                        |

|                       |                                                                                                                                                                                                  |
|-----------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Korea</b>          | Turck Korea Co, Ltd.<br>A605, 43, Iljik-ro, Gwangmyeong-si<br>14353 Gyeonggi-do<br><a href="http://www.turck.kr">www.turck.kr</a>                                                                |
| <b>Malaysia</b>       | Turck Banner Malaysia Sdn Bhd<br>Unit A-23A-08, Tower A, Pinnacle Petaling Jaya, Jalan Utara C,<br>46200 Petaling Jaya Selangor<br><a href="http://www.turckbanner.my">www.turckbanner.my</a>    |
| <b>Mexico</b>         | Turck Comercial, S. de RL de CV<br>Blvd. Campestre No. 100, Parque Industrial SERVER, C.P. 25350 Arteaga,<br>Coahuila<br><a href="http://www.turck.com.mx">www.turck.com.mx</a>                  |
| <b>Netherlands</b>    | Turck B. V.<br>Ruiterlaan 7, NL-8019 BN Zwolle<br><a href="http://www.turck.nl">www.turck.nl</a>                                                                                                 |
| <b>Poland</b>         | TURCK sp.z.o.o.<br>Wroclawska 115, PL-45-836 Opole<br><a href="http://www.turck.pl">www.turck.pl</a>                                                                                             |
| <b>Romania</b>        | Turck Automation Romania SRL<br>Str. Siriului nr. 6-8, Sector 1, RO-014354 Bucuresti<br><a href="http://www.turck.ro">www.turck.ro</a>                                                           |
| <b>Sweden</b>         | Turck AB<br>Fabriksstråket 9, 433 76 Jonsered<br><a href="http://www.turck.se">www.turck.se</a>                                                                                                  |
| <b>Singapore</b>      | TURCK BANNER Singapore Pte. Ltd.<br>25 International Business Park, #04-75/77 (West Wing) German Centre,<br>609916 Singapore<br><a href="http://www.turckbanner.sg">www.turckbanner.sg</a>       |
| <b>South Africa</b>   | Turck Banner (Pty) Ltd<br>Boeing Road East, Bedfordview, ZA-2007 Johannesburg<br><a href="http://www.turckbanner.co.za">www.turckbanner.co.za</a>                                                |
| <b>Turkey</b>         | Turck Otomasyon Ticaret Limited Sirketi<br>Inönü mah. Kayisdagi c., Yesil Konak Evleri No: 178, A Blok D:4,<br>34755 Kadiköy/ Istanbul<br><a href="http://www.turck.com.tr">www.turck.com.tr</a> |
| <b>United Kingdom</b> | TURCK BANNER LIMITED<br>Blenheim House, Hurricane Way, GB-SS11 8YT Wickford, Essex<br><a href="http://www.turckbanner.co.uk">www.turckbanner.co.uk</a>                                           |
| <b>USA</b>            | Turck Inc.<br>3000 Campus Drive, USA-MN 55441 Minneapolis<br><a href="http://www.turck.us">www.turck.us</a>                                                                                      |

# TURCK

Your Global Automation Partner

Over 30 subsidiaries and  
60 representations worldwide!

100048826 | 2023/12



[www.turck.com](http://www.turck.com)