

### INDUSTRIAL ETHERNET SWITCHES



### (Un)managed switches in IP20/IP67

TURCK offers two product series of industrial Ethernet switches: IP20 rated devices for installation in the control cabinet and IP67 rated devices that can be mounted directly in the field or on the machine.

Both product series include different types with different number of ports. We offer unmanaged devices for simple standard applications and managed ones for more demanding installations.

The series of IP20 devices comprises four types to choose from, unmanaged 5 and 8-port devices as well as a managed 8-port device with standard RJ45 ports. In addition, a switch with 4 standard RJ45 ports and an optical fiber port. This switch can be used as a media converter between optical fiber and copper networks. In this way, standard compo-

nents, usually copper, can be linked to backbone networks that are generally implemented in optical fiber connection technology.

The series of IP67 devices comprises three variants. Unmanaged 5 and 9-port devices as well as a managed 8-port one. These models come with standard female M12, 4-pin, D-coded connections at the Ethernet ports and a 5-pin 7/8" male connection for power supply. The unmanaged devices are available with female M12, 8-pin connections.

The TURCK portfolio includes a rich range of accessories available for Ethernet networks, from cables in different versions over field-wireable connectors up to single and multi-channel wall penetrations for RJ45 on M12.

### Your advantages

- IP20: Compact design saves space in the control cabinet
- IP67: Fully potted housings for harsh environments
- Managed and unmanaged versions
- Copper and fiber-optic versions, can be used as media converter
- Easy configuration via web browser

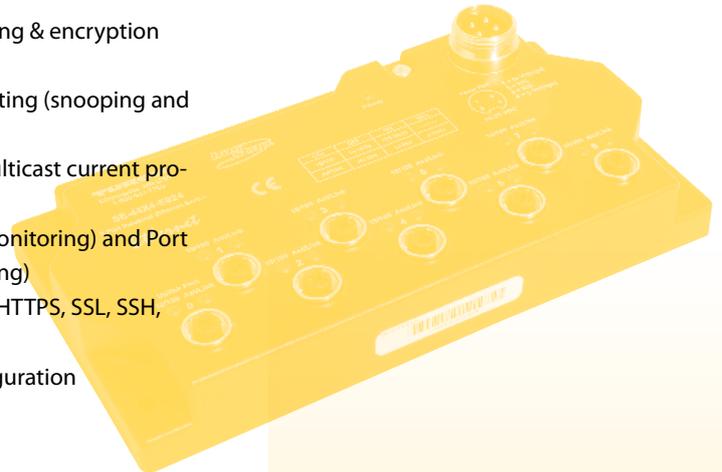
**Sense it! Connect it! Bus it! Solve it!**

## Industrial Ethernet Switches

## Industrial Automation

### Product highlights

- 10/100 Mbps
- Auto-Negotiation, 10/100M, half/full duplex
- Auto-Crossing, Auto-Polarity
- Auto-Addressing, aging and migration
- Store-and-Forward data transmission
- IEEE 802.3, 802.3u, 802.3x, 802.3D/w, 802.3p, 802.3Q
- Real-Time-Ring™ or Rapid Spanning Tree Protocol (RSTP)
- SNMPv1 and v2 network management
- SNMPv3 monitoring & encryption
- SNMP messages
- IGMP for multicasting (snooping and queries)
- Broadcast and Multicast current protection
- RMON (remote monitoring) and Port Mirroring (mirroring)
- Security through HTTPS, SSL, SSH, SNMPv3
- Web-based configuration



| Type code        | SE20-84X-RJ522            | SE20-84XT-RJ822 | SE20-84MT-RJ822 | SE20-84XT-RJ422-FO                   |
|------------------|---------------------------|-----------------|-----------------|--------------------------------------|
| Ident. no.       | 6607005                   | 6607012         | 6607011         | 6607006                              |
| Ethernet ports   | 5 x RJ45 ports            | 8 x RJ45 ports  | 8 x RJ45 ports  | 4 x RJ45 ports<br>1 x SC-Duplex port |
| Managed          | no                        | no              | yes             | no                                   |
| Power supply     | removable screw terminals |                 |                 |                                      |
| Protection class | IP20                      |                 |                 |                                      |



| Type code        | SE-44X-E524                   | SE-44X-E924                   | SE-44M-E924                   |
|------------------|-------------------------------|-------------------------------|-------------------------------|
| Ident. number    | 6607003                       | 6607002                       | 6607004                       |
| Ethernet ports   | 5 x M12 ports, 4-pin, D-coded | 9 x M12 ports, 4-pin, D-coded | 8 x M12-ports, 4-pin, D-coded |
| Managed          | no                            | no                            | yes                           |
| Power supply     | 5-pole 7/8" connector         |                               |                               |
| Protection class | IP67                          |                               |                               |



Your Global  
**Automation Partner**

### WORLDWIDE HEADQUARTERS

Hans Turck GmbH & Co. KG  
Witzlebenstr. 7  
45472 Muelheim an der Ruhr  
Germany  
Tel. +49 208 4952-0  
Fax +49 208 4952-264  
E-Mail [more@turck.com](mailto:more@turck.com)  
Internet [www.turck.com](http://www.turck.com)

D301318 2013/10

