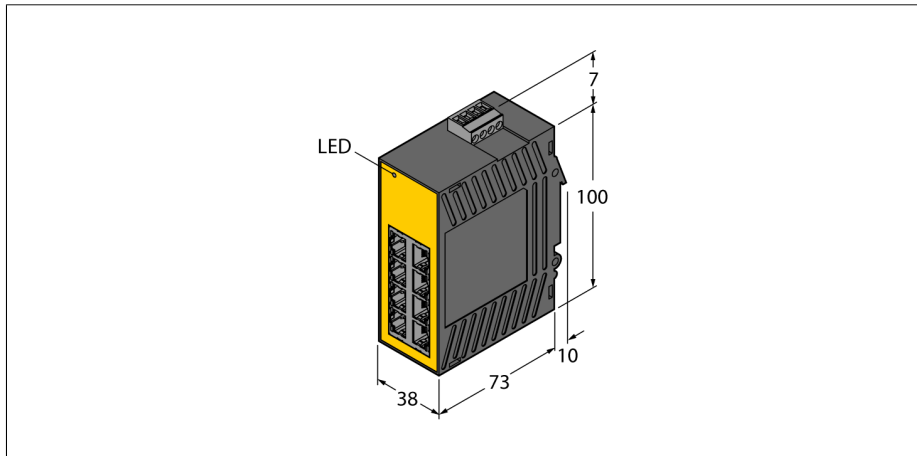


# Industrial Ethernet Unmanaged switch SE20-84XT-RJ822

**TURCK**

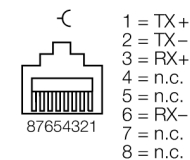
Industrial  
Automation



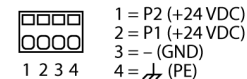
- 10/100 MBit/s
- Auto-Negotiation, 10/100M, half/full duplex
- Auto-Crossing, Auto-Polarity
- Auto-Adressierung, Alterung und Migration
- Store and Forward Datenübertragung
- IEEE 802.3, 802.3u, 802.3x
- 8 ports
- Ethernet connection: shielded RJ45 sockets
- Spannungsversorgung: Abziehbare Schraubklemme
- Schutzart: IP20

<b>Type code</b>	SE20-84XT-RJ822
Ident no.	6607012
<b>Supply voltage</b>	24 VDC
Admissible range	10...30 VDC
Power consumption	≤ 4 W
Transient Protection	15,000 Wp
Spike Protection	5.000 W (10 mal für 10 µs)
Voltage supply connection	Screw-terminal strip, pluggable
<b>Fieldbus transmission rate</b>	10 Mbps / 100 Mbps
Ethernet Compliance	IEEE 802.3 (10 Mbps Ethernet) IEEE 802.3u (100 Mbps Ethernet) IEEE 802.3.3 x (Full-Duplex with Flow Control)
Communication Ports	8 Ports (unmanaged)
Fieldbus connection technology	RJ45 socket
MAC Addresses	1024
Memory bandwidth	3.2 Gbps
Latency (typical)	@100 Mbit/s: 5 µs + Frame time; @10 Mbit/s: 16 µs + Frame time
Electrical isolation	1500 VRMS 1 min.
Electromagnetic compatibility (EMC)	FCC part 15, ICES-003, EN55022, EN61000-6, CE
<b>Dimensions</b>	38.1x76.2x101.6 mm
Weight	170 g
Operating temperature	-40...+60 °C
Storage temperature	-40...+85 °C
Relative humidity	5...95% (nicht kondensierend)
Vibration and shock testing	gem. IEC 60068-2-6
Protection class	IP20
Mounting	Befestigung auf Hutschiene und Montageplatte
Housing material	UL94V0 Lexan
<b>Approvals and certificates</b>	UL508/CSA C22.2/14; EN61010-1; UL1604/CSA C22.2/213 (Class 1, Div. 2); EN60079-15 (Zone 2, Category 3); CE (ATEX)
Life cycle MTBF	>1M Hours GB at 35°C per MIL-HNDBK-217F2

### Fieldbus RJ45



### Power supply



### Functional principle

Ethernet Switches vereinfachen die Netzwerkkommunikation, indem sie den Datenverkehr reduzieren. Sie leiten Frames nur an den Port weiter, der sie benötigt.