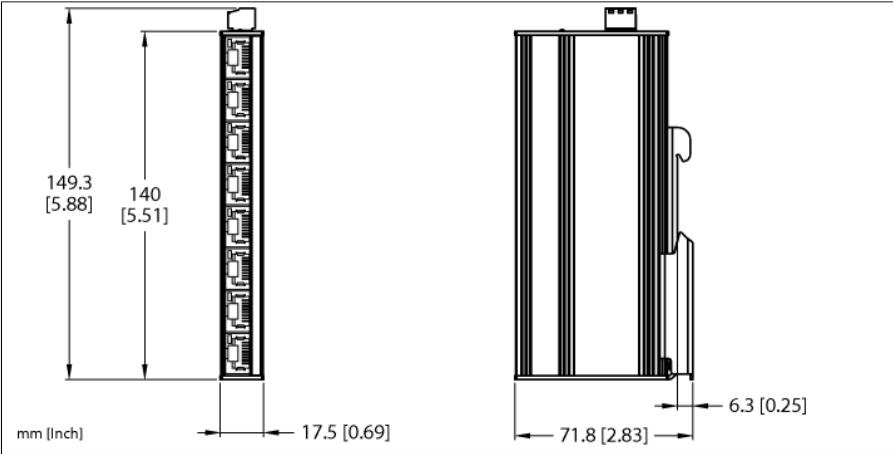


# Unmanaged Ethernet Switch

## 8 × 100-Mbit Ports

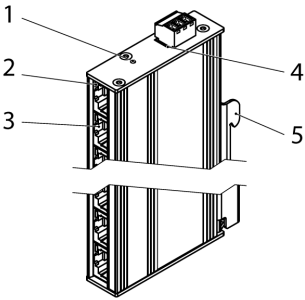
### TNIC-UX-8FE



|                                |                                                                                         |
|--------------------------------|-----------------------------------------------------------------------------------------|
| ID                             | 100049176                                                                               |
| Supply                         |                                                                                         |
| Supply voltage                 | 24 VDC                                                                                  |
| Admissible range               | 6...36 VDC                                                                              |
| Voltage supply connection      | Pluggable screw terminal strip                                                          |
| Operating current              | At 24 VDC: min. 20 mA; max. 60 mA                                                       |
| Electrical isolation           | Galvanic isolation of power supply, Ethernet, housing<br>Voltage resistant up 0.75 kVDC |
| System data                    |                                                                                         |
| Transmission rate Ethernet     | 10/100 Mbps                                                                             |
| Connection technology Ethernet | 8 × RJ45                                                                                |
| Frame forwarding               | store and forward                                                                       |
| Switch interface               |                                                                                         |
| 10/100-Mbit ports              | 8                                                                                       |
| 802.3q compliance              | Yes                                                                                     |
| 802.3u compliance              | Yes                                                                                     |
| 802.3x compliance              | Yes                                                                                     |
| Auto-crossing (802.3)          | Yes                                                                                     |
| Auto-negotiation (802.3)       | Yes                                                                                     |
| Auto-polarity (802.3)          | Yes                                                                                     |
| Flow control (802.3X)          | Yes                                                                                     |
| Jumbo frames                   | No                                                                                      |
| Multicasts                     | Yes                                                                                     |
| Multiple queues per port       | Yes, max. 4                                                                             |
| Standard/Directive conformity  |                                                                                         |
| Approvals and certificates     | CE and UKCA<br>UV resistant acc. to DIN EN ISO 4892-2A (2013)                           |
| UL Certificate                 | cULus LISTED 21 W2, encl. Type 1 IND.CONT.EQ.                                           |

- 8 × RJ45, 100-Mbps Ethernet
- Aluminum housing
- Protection class IP30
- 3-pin, pluggable screw connection
- Power supply, Ethernet, housing galvanically isolated

| General Information    |                                           |
|------------------------|-------------------------------------------|
| Dimensions (W x L x H) | 17.5 x 66 x 140 mm                        |
| Ambient temperature    | -40...+70 °C                              |
| Storage temperature    | -40...+85 °C                              |
| Relative humidity      | 0...95 %, no condensation                 |
| Altitude               | Max. 2000 m                               |
| Protection class       | IP30                                      |
| MTTF                   | 260 years acc. to SN 29500 (Ed. 99) 20 °C |
| Housing material       | Anodized aluminum, stainless steel        |
| Halogen-free           | yes                                       |
| Mounting               | 35-mm DIN rail                            |

|                                                                                     |                                                                                                                                                                           |                                                                                                                                                                                                                   |                                                                                     |             |                                 |
|-------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------|-------------|---------------------------------|
|    | <p><b>Accessories</b></p> <p>1 PWR: LED Power<br/>2 L/A: LED 10/100 Mbps<br/>3 XF1–XF8: Ethernet interface<br/>4 XD: power supply<br/>5 Bracket for DIN rail mounting</p> | <p>Power supply</p> <p>—</p> <table><tr><td></td><td>1<br/>2<br/>3</td><td>1 = 24 VDC<br/>2 = 0 V<br/>3 = FE</td></tr></table> |  | 1<br>2<br>3 | 1 = 24 VDC<br>2 = 0 V<br>3 = FE |
|  | 1<br>2<br>3                                                                                                                                                               | 1 = 24 VDC<br>2 = 0 V<br>3 = FE                                                                                                                                                                                   |                                                                                     |             |                                 |