# TXF700 HMI Series Accessories
# PoE Injector (M22 Connector for IP67 Connection)
# Max. 36-W PoE Output Power
# PSU20-POE-36W02



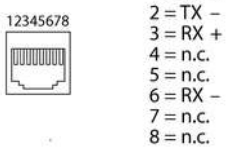
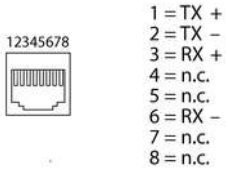
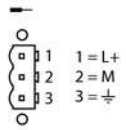
- **Power and data supply for Power over Ethernet**
- **Robust design**
- **Mounting via M22 screw thread on the rear**
- **Ethernet with 10/100 Mbps**
- **Reverse-polarity protected and short-circuit proof**
- **Surge protection and overcurrent protection**

| | |
|---|---|
| **Type designation** | PSU20-POE-36W02 |
| Ident no. | 100017852 |
| **Interfaces** | |
| Ethernet | 2 x 10/100 Mbit |
| **Power over Ethernet** | |
| PoE standard | IEEE 802.3af (PoE)<br>IEEE 802.3at (PoE+) |
| Output voltage | +54 VDC |
| Output power | ≤ 36 W |
| **Power supply** | |
| Rated value | 24 VDC reverse-polarity protected, 2.0 A max |
| Admissible voltage range | 18…32 VDC |
| Efficiency | 80 % |
| Short-circuit behaviour | Device shutdown |
| Overload protection | Yes |
| **General data** | |
| Operating ambient conditions | -20…55 °C, 5…85 % relative humidity, non-condensing |
| Storage ambient conditions | -30…80 °C, 5…85 % relative humidity, non-condensing |
| Approvals | CE<br>cULus |
| Protection class | IP67 front<br>IP20 rear |
| **Dimensions** | |
| Front (W x H x D) | 80 x 28 x 120 mm |
| Weight | approx. 0.35 kg |

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**Connection and pin assignment**

| | | |
|---|---|---|
| | **Ethernet**<br>Ethernet port (PoE/OUT) with 10/100 Mbps<br>The special cables (see accessories) must be used for IP67 protection | Pin Assignment<br> |
| | **Ethernet**<br>Ethernet port (IN) with 10/100 Mbps | Pin Assignment<br> |
| | **Power Supply**<br>The power supply connector is delivered with the device | Pin Assignment<br> |

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**LED Status**

| LED | Color | Status | Description |
|---|---|---|---|
| **LED 1** | Green | Illuminated | Malfunction |
| **LED 2** | Green | Illuminated | PoE active |
| | Red | Slow flashing | Overload |
| | Red | Fast flashing | Overtemperature |
| **LED 3** | Green | Illuminated | Operating voltage ON |

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## Accessories

| Type code | Ident no. | Description | Dimension drawing |
|---|---|---|---|
| TXF-M22G-M22G-5M | 100020102 | PoE connection cable, M22 straight to M22 straight, 5 m |  |
| TXF-M22-TOOL | 100020103 | Tightening tool for M22 PoE cables |  |

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