

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



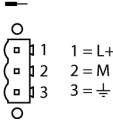


- Power and data supply for Power over Ethernet
- Robust design
- Mounting via M22 screw thread on the rear
- Ethernet with 10/100 Mbps
- Reverse-polarity protected and short-circuit proof
- Surge protection and overcurrent protection

Type designation	PSU20-POE-36W02
Ident no.	100017852
Interfaces	
Ethernet	2 x 10/100 Mbit
Power over Ethernet	
PoE standard	IEEE 802.3af (PoE) 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 cULus
Protection class	IP67 front 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

	<p>Ethernet Ethernet port (PoE/OUT) with 10/100 Mbps The special cables (see accessories) must be used for IP67 protection</p> <p>Ethernet Ethernet port (IN) with 10/100 Mbps</p> <p>Power Supply The power supply connector is delivered with the device</p>	<p>Pin Assignment</p>  <p>1 = TX + 2 = TX - 3 = RX + 4 = n.c. 5 = n.c. 6 = RX - 7 = n.c. 8 = n.c.</p> <p>Pin Assignment</p>  <p>1 = TX + 2 = TX - 3 = RX + 4 = n.c. 5 = n.c. 6 = RX - 7 = n.c. 8 = n.c.</p> <p>Pin Assignment</p>  <p>1 = L+ 2 = M 3 = \perp</p>
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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	