

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	PSU20-POE-36W02
ID	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

Connection and pin assignment

	Ethernet Ethernet port (PoE/OUT) with 10/100 Mbps The special cables (see accessories) must be used for IP67 protection Ethernet Ethernet port (IN) with 10/100 Mbps Power Supply The power supply connector is delivered with the device	Pin Assignment 12345678  1 = TX + 2 = TX - 3 = RX + 4 = n.c. 5 = n.c. 6 = RX - 7 = n.c. 8 = n.c. Pin Assignment 12345678  1 = TX + 2 = TX - 3 = RX + 4 = n.c. 5 = n.c. 6 = RX - 7 = n.c. 8 = n.c. Pin Assignment  1 1 = 24 VDC 2 2 = 0 V 3 3 = $\perp$
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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

Accessories

Type code	Ident no.		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	