

available
2023



PRELIMINARY

FL3X TAP 100BASE-T1

www.flex-product.com

The FL3X TAP 100BASE-T1 is a TAP device for 100BASE-T1. With the FL3X TAP 100BASE-T1, it is possible to mirror data from automotive ethernet connections to any uplink via SFP+ module. All received network data will be provided over CMP (Capture Module Protocol) and PLP (Propper Logger Protocol) to the uplink. It can be completely configured via the configuration website. The datastream will also be forwarded by FL3X TAP 100BASE-T1 without power supply.

BENEFITS

- 6 TAPs (12 H-MTD Ports) available
- 1 uplink up to 10Gbit/s per SFP+
- Using ASAM CMP v1.0 and PLP
- 100BASE-TX port for configuration and TimeSync
- TimeSync with PTP support (gPTP /802.1AS, PTPv2)
- Multiple interfaces can be synchronized with PTP (IEEE 1588v2)
- Completely configurable via website
- Timestamps with ns resolution
- Capturing all packets and layers (e.g. AVB/TSN)
- Traffic shaping
- Traffic forwarded while powerless

HARDWARE

Physical characteristics

| | |
|------------|---|
| Connectors | 1 x SFP+, 12 x H-MTD, 1 x RJ45, 1 x M9m |
|------------|---|

Environmental Conditions

| | |
|-------------------|------------------------------------|
| Temperature | Operating /Storage: -40°C to +85°C |
| Relative Humidity | 0% - 90% RH, non-condensing |

SCOPE OF DELIVERY

FL3X TAP 100BASE-T1
Power Cable

ORDER INFORMATION FL3X TAP 100BASE-T1

| Product | Description | Order number |
|---------------------|---|--------------|
| FL3X TAP 100BASE-T1 | 100BASE-T1 TAP module for Automotive Ethernet | 3-V1100B01 |

ORDER INFORMATION ASSECCORIES

| Product | Description | Order number |
|-------------------------------|------------------------------------|--------------|
| FL3X SFP 1000BASE-T1 | 1000BASE-T1 SFP transceiver, SPE | 3-01110A01 |
| 10GBASE-T SFP+ copper module | 10GBASE-T SFP+ copper module, RJ45 | 10020420 |
| 10GBASE-T SFP+ optical module | 10GBASE-T SFP+ optical module, LC | 10020432 |
| 1GBASE-T SFP+ copper module | 1GBASE-T SFP+ copper module, RJ45 | 10020431 |