

available
2023



PRELIMINARY

FL3X TAP 1000BASE-T1

www.flex-product.com

The FL3X TAP 1000BASE-T1 is a TAP device for 100/1000BASE-T1. With the FL3X TAP 1000BASE-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 1000BASE-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
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Environmental Conditions

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

SCOPE OF DELIVERY

FL3X TAP 1000BASE-T1
Power Cable

ORDER INFORMATION FL3X TAP 1000BASE-T1

Product	Description	Order number
FL3X TAP 1000BASE-T1	1000BASE-T1 TAP module for Automotive Ethernet	3-V1100A01

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