

For further information, including price and availability, contact products@tttech-auto.com

TTTech Auto AG Austria - HQ

Phone: +43 1 585 65 38-5000

Germany

Phone: +49 841 88 56 47-0

South Korea

Phone: +81 31 707 8895

China

Phone: +86 189 6476 2518

PT-15B

100BASE-T1 Ethernet (BroadR-Reach®)

logging expansion with low latency

The PT-15B expands the PM-200 data logger from the Power Family by adding twelve 100BASE-T1 interfaces. Ethernet traffic is looped through the device with constantly low latency irrespective of the frame length. This means that the time synchronization protocols of the logged Ethernet interfaces are not affected. 100BASE-T1 packets are time-stamped, filtered and sent to the PM-200 data logger via a 1000BASE-T interface.

KEY BENEFITS

- 12 × 100base-T1 Ethernet (BroadR-Reach®)
- Loop through with constant latency, independent of the frame size
- High performance for full network utilization
- Wake-up and sleep function
- Ethernet filter function
- Cascadable

EXPANSION OF THE POWER FAMILY

Up to two PT-15B units can be connected to the PM-200, which makes it possible to log up t o 24×100 BASE-T1 interfaces.





DEVICE SPECIFICATIONS

HARDWARE 2 CPU cores for time-stamp and filter (2 × 800 MHz) 2 GB buffer RAM LOGGING INTERFACES 1 x Ethernet 1000BASE-T 1 x Ethernet SFP VEHICLE INTERFACES 12 x 100BASE-T1 (BroadR-Reach*) LATENCY 1.6 us (irrespective of the packet size) OPERATING TEMPERATURE -40°C to +75°C ELECTRICITY CONSUMPTION 10 W OPERATING VOLTAGE 6 V to 32 V ORDER NUMBER 12761		
1 x Ethernet SFP VEHICLE INTERFACES 12 x 100BASE-T1 (BroadR-Reach*) LATENCY 1.6 us (irrespective of the packet size) OPERATING TEMPERATURE -40°C to +75°C ELECTRICITY CONSUMPTION 10 W OPERATING VOLTAGE 6 V to 32 V	HARDWARE	
LATENCY 1.6 us (irrespective of the packet size) OPERATING TEMPERATURE -40°C to +75°C ELECTRICITY CONSUMPTION 10 W OPERATING VOLTAGE 6 V to 32 V	LOGGING INTERFACES	
OPERATING TEMPERATURE -40°C to +75°C ELECTRICITY CONSUMPTION 10 W OPERATING VOLTAGE 6 V to 32 V	VEHICLE INTERFACES	12 × 100BASE-T1 (BroadR-Reach®)
ELECTRICITY CONSUMPTION 10 W OPERATING VOLTAGE 6 V to 32 V	LATENCY	1.6 us (irrespective of the packet size)
OPERATING VOLTAGE 6 V to 32 V	OPERATING TEMPERATURE	-40°C to +75°C
	ELECTRICITY CONSUMPTION	10 W
ORDER NUMBER 12761	OPERATING VOLTAGE	6 V to 32 V
	ORDER NUMBER	12761