PT-15B

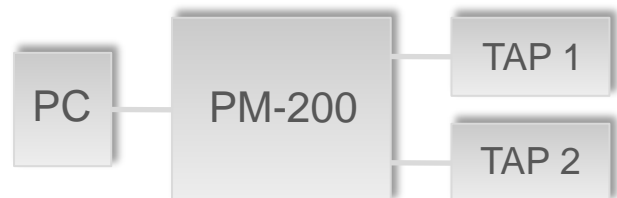## 100BASE-T1 Ethernet (BroadR-Reach®) logging expansion with low latency

Key Benefits

- ✓ 12 x 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

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.

Expansion for the Power Family

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

Hardware	2 CPU cores for time-stamp and filter (2 x 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