

PROCENTEC



ComBricks HE+

Harsh Environments

ComBricks HE+ (Harsh Environments) is a modular system that allows a mix of automation components on a backplane. Additional repeater modules with integrated scope functionality can be connected on the right side of the Head Station. This way, the condition of the PROFIBUS installation can be remotely inspected with ProfiTrace OE.

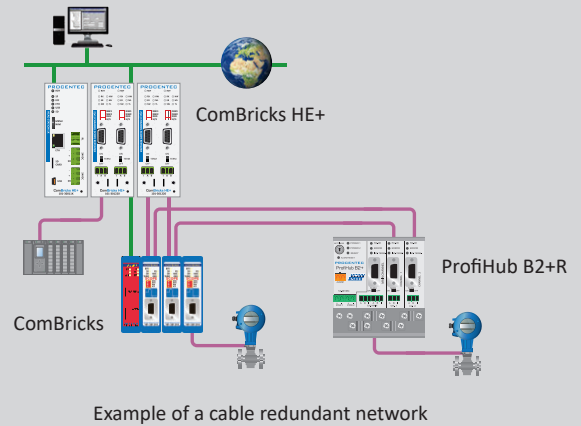
In comparison with the first ComBricks system, the ComBricks HE+ has a robust stainless steel housing, that protects the electronics inside the device against higher disturbances. It also allows a better temperature dissipation to the environment. This makes the system ideal for harsh environments. The ComBricks HE+ is ILAC-MRA vibration approved. This means that the system is resistant to vibrations that may occur when the unit is used on trains, planes, boats and trucks.

Combricks HE+ is based on an internal backplane, which can hold up to two physical modules next to the Head Station. Each physical module consists of two scope repeater modules joined as one housing. Every channel can handle 31 PROFIBUS devices and a maximum of 1200 m cable length. ComBricks HE+ also provides a better interconnection between the individual modules, thanks to metal clamps to lock them together.



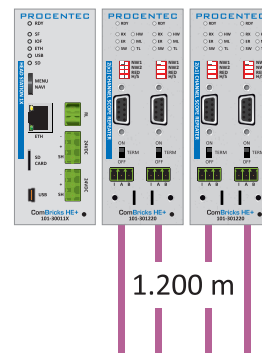
Application areas

- Process industry
- Railway technology
- Water treatment
- Road networks



Your benefits

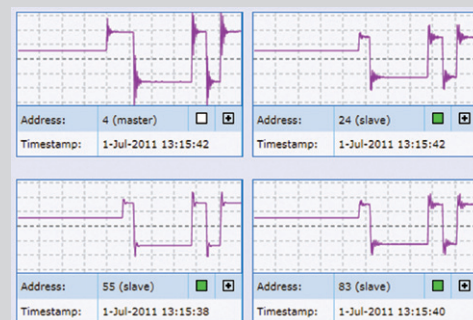
- Robust RVS housing
- No separate backplane: all modules are directly connected to DIN-rail
- Modules locked together (metal clamps)
- Interference noise on the shield is drained by RVS housing
- Better temperature dissipation to environment
- All connectors on the front of the housing



Maximum cable lengths per segment

Product features

- Improved EMC protection
- Powerful web server
- ProfiTrace OE for permanent monitoring up to 4 PROFIBUS networks
- Multi-language
- Free CommDTM / DP-V1 master
- DIN-rail mounting
- IP 20
- Redundancy channels
- Screw terminals with build-in termination resistor and DB9 connector



Electrical measurement per device

