



# Elektro - Elektronik Pranjic

Certified according to DIN EN ISO 9001

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## Data Transmission



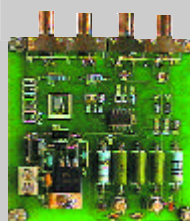
**Mining**



**Industry, Chemistry**



**EEP controlling and  
communication module**



**Intrinsically safe  
controls gr. I, II -intrin-  
sically safe Profibus-**

## EEP Communication Module

Controls, measuring systems and sensors of different manufacturers use various interfaces and bus systems to transmit or receive measured data, parameters or controlling instructions. It is often the case that a multitude of such units ought to communicate via infrared, light waves conductor or conventional wire connection in a network.

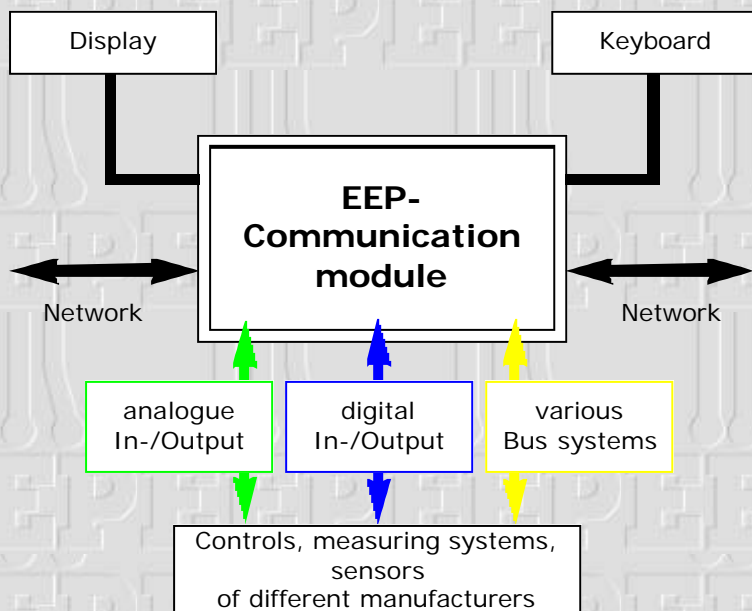
These units can be located in places with extreme conditions which require special measures, e.g. intrinsic safety.

The EEP communication module is the linking part that makes communication between various different participants possible.

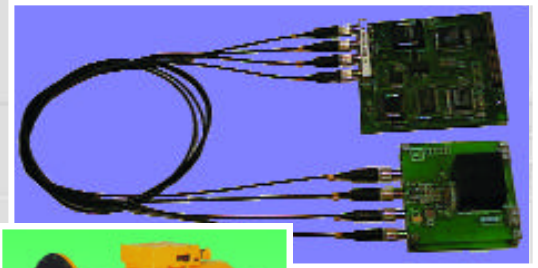
The following applications are possible:

- serial RS485, RS422, RS232, SPI
- I<sup>2</sup>C-Bus
- PROFIBUS FSK-modem (separated via light waves conductor or opto coupler)
- Ethernet
- CAN-Bus 2.0B
- INSTA-Bus
- ARCNet
- INTERBus
- eBus
- Dual-Port-RAM

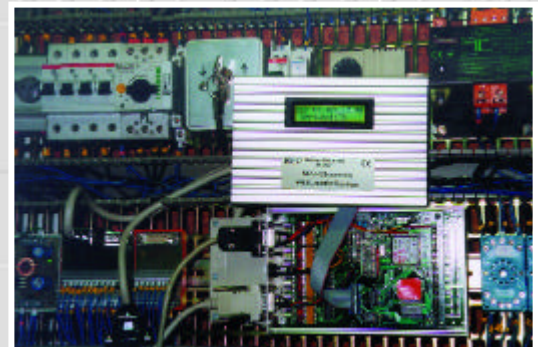
This enumeration is just a selection. Every further customer-specific problem is solved by the EEP communication module.



## Applications



**Intrinsically safe PROFIBUS with an FSK-modem and light waves conductor connected to the control of engines**



**EEP communication module Easy bar construction in the switching station**



**EEP communication module in a pressure - proof housing PR110 for chemistry and mining with an integrated PC for visualizing and controlling equipment**