Bus Interface Module

Profibus-DP V1

◆ *fieldbus protocol PROFIBUS DP V1 (EN 50170)*

◆ *couples internal CAN bus to external PROFIBUS*

◆ *HART® protocol on PROFIBUS DP V1*

◆ *line/media redundancy via 2 coupling modules*

◆ *isolation between field bus, power, CAN bus*

◆ *diagnosis, configuration and parameterisation via PROFIBUS*

MODULE SPECIFICATION
See also System Specification

INTERNAL BUS

Internal bus protocol...CAN Open
Cycle time for digital I/O´s ....< 5 ms
Cycle time for analog I/O´s ....< 20 ms

FIELDBUS

Protocol ....PROFIBUS-DP V1 (EN 50170)
....intrinsically safe
I.S. Voltage for bus termination ....5 V

EXPLOSION PROTECTION

Certificate number....................................PTB 01 ATEX 2143
Certificate code..II 2 G EEx ib IIC T4

DIAGNOSTIC INFORMATION
Via LED indicators

System / Module power on ....LED green / red
PROFIBUS communication................................. LED yellow / red
Internal communication ....LED yellow / red
Active status...LED yellow
Configuration error ....LED red
Via fieldbus

....Power or communication loss
....Internal module temperature
....Redundancy mode

GENERAL DATA

Total power consumption.............................approx. 2.4 W

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