

micromax Sensor Interface

intelligent sensor interface
- small and smart -



Processor:

- RAM 16K
- EEPROM 256K
- FLASH 2K
- RTC
- RS232 interface
- one CAN interface galvanic decoupled
- one CAN (without driver chip)

Interface:

1. Analog interface

- two thermocouple amplifier
- two NTC amplifier
- two pressure sensor amplifier
- two spare amplifier inputs 0 - 5 VDC

2. ARINC429 interface

- two sender (100k Bit and 12,5k Bit)
- four receivers (100k Bit and 12,5k Bit)

3. Steppermotor interface

- two power drivers

4. Further Interfacemodules are developed

Sensor interface:

- dimensions: 72 x 42 x 50 mm (l,w,h)
- weight < 300g
- application for use in industrial areas is prepared

Properties:

Power supply:

- In: 9 - 36 VDC
or 18 - 72 VDC
or 36 - 156 VDC
- Intern: +/- 12 VDC, + 5 VDC



micma GmbH
Glonner Str. 19
D-85667 Oberpfaffenhofen
Tel: +49-8093-90594-0
Fax: +49-8093-90594-44
E-Mail: micma@micma.de
<http://www.micma.de>

http://www.micma.de/downloads/micma_micromax_sensor_interface_e.pdf

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