



digsy[®] MTC-GB

Advanced integrated 32-bit control and visualization system for very flexible & individual customer solutions and superior cost-effectiveness.

Free programmable in IEC-61131-3 (CoDeSys)

digsy[®] MTC-GB consists of an 32-bit, 400MHz control unit with an integrated graphic control unit. It connects up to 2 displays and 6 cameras. The data transmission between the control unit and the display terminal requires one cable only, whose max. length can be up to 10m. Terminals are already available from 8.4" to 12.1" at a resolution of 800 x 600 pixels. Optional resistive or capacitive touch-screens can be added. CoDeSys with its integrated target visualization has been selected as the development environment for the *digsy*[®] MTC-GB.

Technical data

digsy[®] MTC

- 32-bit microprocessor: MPC 5200, 400MHz
- 64-bit floating point unit
- Mobile suitable graphic controller
- 32MB SDRAM (expandable to 256MB)
- 16MB Flash-EPROM (expandable to 64MB)
- CF-card, 1GB
- 4x CANbus interfaces
- 2x RS-232 interfaces
- 1x Ethernet interface
- 1x USB interface for memory sticks
- Real time clock
- 2 digital inputs
- 2 digital outputs, max. 400mA, short circuit /overload proof
- Up to 6 camera inputs (FBAS)
- Up to two display interfaces (LVDS)
- 12 status-LED's (6 of them free programmable)
- 1 push button (free programmable)
- Discrete system monitoring
- Programmable in IEC-61131-3 (CoDeSys)

CANbus-Interfaces

- High speed CANbus-Interfaces (CANopen protocol or CLLI)
- Baudrates: 20 kBit/s...1 MBit/s

General:

- Operating voltage: 8...32V
- Operating temperature: -40°C...tbd
- Shock and vibration proof
- EMC proof according to automotive norms
- Environmental protection according to IP66
- Dimensions: 185 x 158 x 70mm

Order codes

digsy[®] MTC-GB

On request

Associated displays

digsy[®] MTC-Terminal 8.4"

On request

digsy[®] MTC-Terminal 10.4"

On request

digsy[®] MTC-Terminal 12.1"

On request

Accessories

- | | |
|--|-------------|
| - B/W-camera, 20° | 4305.31.001 |
| - B/W-camera, 70° | 4305.31.002 |
| - B/W-camera, 100° | 4305.31.003 |
| - Colour camera, 20° | 4305.31.011 |
| - Colour camera, 70° | 4305.31.012 |
| - Colour camera, 100° | 4305.31.013 |
| | |
| - CANbus terminator, M12-connector | 4305.85.001 |
| - CANbus terminator, M12-socket | 4305.85.002 |
| - Power supply cable, 1.5m | 4305.85.003 |
| - CAN cable, 1.5m, M12-socket/loose end | 4308.32.001 |
| - CAN cable, 1.5m, M12-connector/loose end | 4308.32.002 |
| - CAN cable, 3m, M12-socket/M12-connector | 4308.32.003 |
| - LAN-cable, 1.5m, M12 connector/RJ45 | 4308.33.001 |
| - RS-232 cable, M12 connector/Sub-D socket | 4308.34.001 |
| - Dig. in/out cable, 1.5m, M12-connector/loose end | 4308.35.001 |

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