





HUB-GM100

DESCRIPTION.

The HUB-GM100 is a GatewayMaster from the "Smart4Hub" family and specifically designed for applications in the field of Industry 4.0, IoT and IIoT. The HUB-GM100 enables various sensors to be connected for purposes of monitoring processes and machines. Data are processed directly on site and is provided via different interfaces wirelessly or by wire. Thanks to the standard interfaces the module can be used in existing machines and systems to ensure the secure connection of the controller on the production side with the companies internal IT environment.

APPLICATIONS.

-  Condition monitoring
-  Retrofitting and extension of machines
-  Preventive maintenance
-  Industrial automation



SPECIFICATIONS.

Processor	TI Sitara™ AM3358 32-Bit ARM® Cortex®-A8
Memory	1GB DDR3L RAM, 8GB eMMC
Power Supply	24V ± 10%
Interfaces	1x 1GbE, 1x 100MbE, 1x USB 2.0 Host, 1x USB 2.0 Device, 1x CAN, 1x RS485, 2x GPIO in, 2x analog in (4...20mA/0..10V), 1x relay no/nc switch (48V/0.5A), ready for wireless communication
HMI	Status LEDs
Temperature range	0°C to 50°C
Software	Ubuntu 16.04 LTS (incl. Node Red and MS Fieldgateway SDK)
Size	125mm x 110mm x 18mm
Additional	incl. temperature and relative humidity sensing, insert modules for wireless communication (e.g. WiFi+ZigBee, UMTS+ZigBee), customer specific AddOns, long-term availability, DIN-rail mountable, mounting bracket available
Protection class	IP 20

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Systemintegrator for
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