

- 1 Serial Port
- 2 Ethernet Port
- 3 USB port (vers. 2.0 - 1.1)
- 4 Power Supply

**Display und System | System Resources**

Größe   Display	4.3" TFT 16:9
Farbe   Color	64 K
Auflösung   Resolution	480 x 272 pixel
Helligkeit   Brightness	200 Cd/m <sup>2</sup> typ
Dimmbereich   Dimming	0 bis/to 100%
Touchscreen	Resistive
Prozessor   CPU	ARM Cortex-A8 Single Core 300 MHz
Operating System	Linux 3.12
Bootzeit   Boot time	Fast Boot < 10 Sec.
Flash	2 GB
RAM	256 MB
Application Memory	30 MB
Real Time Clock, RTC Back-up, Buzzer	Ja   Yes

**Schnittstellen | Interface**

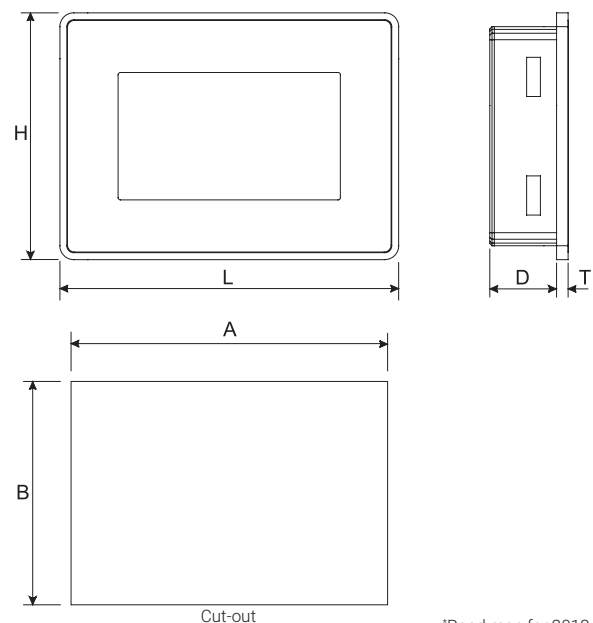
Ethernet (RJ45)	1 Port 10/100 Mbps
USB	1 x 2.0 Host Port
Serielle Schnittstelle   Serial port	1 x RS-232/422/485 (software configurable)
SD Card	Nein   No
Erweiterung	Nein   No

**Stromversorgung | Ratings**

Spannungsversorgung   Power supply	24 VDC (10 bis/to 32 VDC)
max. Leistungsaufnahme   Current Consumption	0.25 A bei/at 24 VDC (max.)
Überspannungsschutz   Input Protection	Automatic
Zyklische Wartung   periodical maintenance	Ja   Yes
Batterie	Ja   Yes (Supercapacitor)

**Umweltbedingungen | Environment Conditions**

Operating temperature	0 °C bis/to +50 °C
Plug-in-Module/USB	-
Storage temperature	-20 °C bis/to +70 °C
Operating/Storage Humidity	5% to 85% RH, non condensing
IP	IP66, Typ 2 und 4X (Front) / IP20 (Rück/rear)



Cut-out

\*Road map for 2018

**Maße und Gewicht | Dimensions and Weights**

Gesamt   Faceplate (L x H)	147 x 107 mm (5.78 x 4.21")
Ausschnitt   Cutout (A x B)	136 x 96 mm (5.35 x 3.78")
Tiefe   Depth (D + T)	29 + 5 mm (1.14 x 0.19")
Gewicht   Weight	ca./approx 0.4 kg

**Zulassungen | Approvals**

CE	EMV/Emmission EN 61000-6-4, Immunity EN 61000-6-2 for installation in industrial environments EMV/Emmission EN 61000-6-3, Immunity EN 61000-6-1 for installation in residential environments
UL	cULus: UL508
UL	cULus: Class 1 Div 2
ATEX	Zone 2: II 3 G Ex ic ec IIC T6 Gc
DNV-GL	Ja   Yes
EU RO MR	Ja   Yes
RCM	Ja   Yes