

DATA SHEET PSSYSTEMEC SMARTBOX I/O

SENSORS AND INTERFACES

GPS	Optional
Real time Clock	Yes
USB	Yes, Mini USB
RS 232	Optional
RS 485	Yes
NTC	Yes
PT1000	Yes
0...10 V	Yes
4...20 mA	Yes, see application note

CONNECTIVITY

GSM	
2G	Yes
3G	Yes
LTE	Optional

PROTOCOL LAYER/Framework

Cloud Fieldbus Modbus RTU	Yes
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PHYSICAL DEVICE CHARACTERISTICS

Maximum Device Size	100 mm x 70 mm x 45 mm
DIN Rail mounting	Optional
Maximum IP Class	IP20/IP45 optional
Operating Temperature	-20 °C/+60 °C
Storage Temperature	-40 °C/+85 °C
Operating Humidity	max 85 %
Storage Humidity	max 85 %

ELECTRICAL CHARACTERISTICS

Power Supply	24 V DC
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CERTIFICATION

CE and FCC	Yes
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CLOUD OF THINGS USE CASE

Self-registration	Yes
Measurement values	Yes
Events will be sent to client	Yes
Alarms will be sent to client	Yes
Tracking data will be sent to backend	Yes
Remote Control	Yes
Firmware over the air updates	Yes
MQTT	Yes



CONTACT

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