

BY000003

Process Data Analysis • Gateway

IoT gateway, master module, 18x128x121mm, RS485, CAN, 2x DI/DO, 2x 0-10V / 4-20mA, 1x relay, USB, terminal, IP20



IoT gateway for process data analysis

Electrical features

Display	LED display
RAM	1GBD DDR3L RAM
Version of inputs and outputs	2x Digital (I/O) +24V PNP 2x Analog (I) 4 - 20mA oder 0 - 10V 1x relay no/nc 48V/0,5mA
Operating voltage (DC)	21,6 - 26,4V
HMI	internal web server Optional: Cloud dashboard
Power consumption	44W stainless steel
Processor	TI Sitara TM AM3358 32-Bit ARM Cortex®-A8
Voltage type for actuation	DC
Memory capacity	8000MByte
Supported communication interface	1x USB2.0 Device 1x CAN 1x RS485 1x 1GbE 1x 100MbE 1x USB2.0 Host

Mechanical features

Width	128mm
Height	121mm
Storage temperature	-20 - 85°C
Length	17.5mm
Degree of protection (IP)	IP20
Housing material	Polyamide

Other features

Ambient temperature	0 - 50°C
Preinstalled operating system	IIoT operating system SIINEOS SDK optional available

Classification

ETIM 8	EC001099 Bus system interface/media gateway
eClass 7.0	27143136
eClass 7.1	27143136
eClass 8.0	27143136
eClass 9.0	27143136
eClass 9.1	27143136

More

IPF Product Group	550 measuring transducer
packaging dimensions	210 x 138 x 95 mm
gross weight	345 g
Customs tariff number	85437090
WEEE number	40951076
RoHS-compliant	Yes

Installation



Mounting / installation may only be carried out by a qualified electrician!

Disposal



Safety warnings

Before initial operation, please make sure to follow all safety instructions that may be provided in the product information.

Never use these devices in applications where the safety of a person depends on their functionality.

For suitable connection and mounting accessories, please refer to our website www.ipf-electronic.com.

Any software, drivers or IODD files that may be required to operate your device can be downloaded free of charge from our homepage: www.ipf-electronic.com