



GSM-PRO I/O analogue input module, 8 analogue inputs 0 - 10 V, 0 (4) - 0 mA, NTC, RTD (PT1000 / NI1000), Mounting type: Mounting rail TS 35, Supply voltage range: 20 - 28 VDC

Business data

Packaging unit	1
Quantity unit	PC
Weight per piece (not including packaging)	117 g
Weight per piece (including packaging)	128 g
Unit of weight	G
Customs number	85176990
Country of origin	NL
Product description	Controller module

Technical data

Dimensions

Length	53 mm
Width	95 mm
Height	60 mm

Connection data

Connection principle	Screw connection
Wire cross-section single core (rigid), min.	0.2 mm ²
Wire cross-section single-core (rigid), max.	4 mm ²
Wire cross-section stranded, min.	0.2 mm ²
Wire cross-section stranded, max.	4 mm ²
Wire cross-section stranded with wire-end ferrules, min.	0.2 mm ²
Wire cross-section stranded with wire-end ferrules, max.	2.5 mm ²
Stripping length	6 mm
Torque	0.4 Nm

Input data

Input type	Analogue
Input resistance RTD	Plug-in, default 5k11 for Ni / PT1000 RTD sensors

Ratings

Number of channels	8
Input signal U/I, max.	10 VDC / 20 mA
Input resistance U/I	200K / 250 Ohm
Resolution U (0 ... 10 Vdc)	10bit / ± (10mV + 0,3% of measured value)
Resolution I (0 ... 20 mA)	10 bit / ± (20 µA + 0,4% of measured value)

Materials

Working temperature, min.	-20 °C
Working temperature, max.	60 °C
Temperature coefficient	<0,02% °C
Relative humidity, max.	90 %

Technical data

Further technical data

Power supply	20-28 VDC -
Current consumption	50 mA
Protection class	IP20
Storage temperature, min.	-20 °C
Storage temperature, max.	70 °C
Mounting	Mounting rail TS35 / direct mount
Resolution RTD	14 bit / \pm (0,4 °C + 0,5% of measured value)

BUS data

Bus protocol / interface	Modbus RTU / RS485, half-duplex
--------------------------	---------------------------------

Environmental Product Compliance

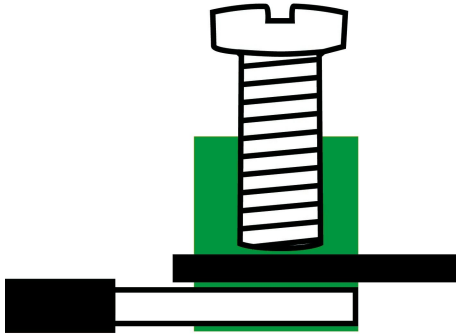
REACH Conform	yes
REACH Reference date	2021-07-08
REACH Candidate Substance Note	No
RoHS Conform	yes

Approvals

Standards and regulations

CE compliant	yes
Standards / specifications	Low-Voltage Directive (LVD) 2014/35/EC, in compliance with EN 50178. EMC Directive 2014/30/EC, in compliance with EN 61326-1

Media



Data sheet

16377.2

GSM-PRO-8AI



Accessories
