

PSSu E S 2AI RTD-T

314490



PSSu, electronic module, standard, analogue inputs and outputs, 2 inputs, resistance thermometer, Ni100, Ni120, Ni1000, Pt100, Pt200, Pt500, Pt1000, resistance 0 - 4000 Ohm, for increased environmental requirements.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, TÜV
Application range:	Standard

Technical data

Analog inputs

Number of analogue inputs:	2
Type of analogue inputs:	Resistance thermometer
Signal range analog input:	Pt100, Resistance, Ni1000, Pt200, Ni100, Pt500, Pt1000, Ni120
Platinum sensors standard:	DIN EN 60751
Analog input signal type 1:	Pt100
Analog input Signal range 1:	-200 - 850 °C
Analog input signal type 2:	Pt200
Analog input Signal range 2:	-200 - 850 °C
Analog input signal type 3:	Pt500
Analog input Signal range 3:	-200 - 850 °C
Analog input signal type 4:	Pt1000
Analog input Signal range 4:	-200 - 850 °C
Analog input signal type 5:	Ni100
Analog input Signal range 5:	-60 - 250 °C
Analog input signal type 6:	Ni120

Analog input Signal range 6:	-60 - 250 °C
Analog input signal type 7:	Ni1000
Analog input Signal range 7:	-60 - 250 °C
Analog input signal type 8:	Resistance
Analog input Signal range 8:	0 - 4000 Ohm
Type of input filter:	Digital filter
Damping of input filter 1:	90 dB (60 Hz)
Conversion method analog i/p:	Delta sigma
Pot. isolation analog inp./:	Yes
Inputs	
Potential isolation inputs:	yes
Environmental data	
Climatic suitability to:	EN 60068-2-30, EN 60068-2-2, EN 60068-2-1, EN 60068-2-78, EN 60068-2-14
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	-40 - 70 °C
Storage temperature standard:	EN 60068-2-1/-2
Climatic suitability standard:	EN 60068-2-30, EN 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
Condensation permitted?:	Briefly
Perm. operating height ASL:	5000 m
EMC to standard:	EN 61131-2, EN 61000-4-4, EN 61000-4-5, EN 61000-4-6, EN 61000-4-2, EN 61000-4-3
Vibration to standard:	EN 60068-2-6
Acc. shock to standard1:	15g
Acc. shock to standard2:	25g
Clearance & creepage dist. to:	EN 60664-1, EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529

Mechanical data	
Housing material lower section:	PC
Housing material front plate:	PC
Housing material code:	PA
Height dimension:	76 mm
Width dimension:	12.6 mm
Depth dimension:	60.2 mm
Net weight:	34 g
Gross weight:	49 g
Name of coding element:	G
Colour of coding element:	Dark grey
Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548052619
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242601
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001596
Volume:	0.049

Obligatory accessories



314618

PSSu BP 1/12 S-T

314619 PSSu BP 1/12 C-T



314620 PSSu BP-C 1/12 S-T



314621 PSSu BP-C 1/12 C-T

Optional accessories



312900 PSSu A ET (10 pcs.)



312901 PSSu A ETM (2 pcs.)



312967 PSSu A LA0.1 (10 x 108 pcs.)



314902 PSSu A EC-T



312958 PSSu A LA0 (10 x 108 pcs.)



312949

PSSu A ET PE (10 pcs.)
