PILZ
THE SPIRIT OF SAFETY

PSSu E S 2AI I se-T	314450

PSSu, electronic module, standard, analogue inputs and outputs, 2inputs, 2 configurable current ranges 0/4 - 20 mA, single-pole, referenced toearth resolution 12 Bit, 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:	Current
Signal range analog input:	0 .. 20mA, 4.. 20mA
Analog input signal type 1:	Single-ended
Analog input Signal range 1:	0 - 20 mA
Analog input signal type 2:	Single-ended
Analog input Signal range 2:	4 - 20 mA
Type of input filter:	RC filter
Resolution of analogue inputs:	12 Bit
Conversion method analog i/p:	Successive approximation
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 61000-4-4, EN 61000-6-2, EN 61000-4-5, EN 61000-4-6, EN 61000-6-4, EN 61000-4-2, EN 61000-4-3
Vibration to standard ...:	EN 60068-2-6
Broad band noise to:	EN 60068-2-64
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	EN 60664-1
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
Terminal style:	plug-in
Height dimension:	76 mm
Width dimension:	12.6 mm
Depth dimension:	60.2 mm
Net weight:	36 g
Gross weight:	44 g
Name of coding element:	D
Colour of coding element:	Dark grey
Environment	

REACh compliance:	contains min. 1 SVHC-substance
WEEE classifikation (08/2018):	5 devices (feed size < 50cm)
Commercial data	
Harmonized System Code:	85389091
UNSPSC 25:	39122331
EAN-Code:	4046548049251
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242601
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001596
Volume:	0.049 dm3

Obligatory accessories

	314600	PSSu BP 1/8 S-T
	314611	PSSu BP-C 1/8 C-T
	314601	PSSu BP 1/8 C-T
	314610	PSSu BP-C 1/8 S-T

Optional accessories

	312900	PSSu A ET (10 pcs.)
	314902	PSSu A EC-T
	312967	PSSu A LA0.1 (10 x 108 pcs.)
	312901	PSSu A ETM (2 pcs.)
	312958	PSSu A LA0 (10 x 108 pcs.)
	312949	PSSu A ET PE (10 pcs.)