

PSSu E F AI U-T

314265



PSSu, electronic module, failsafe, analogue inputs and outputs, 1 input, -10.24 - 10.23 V, dual-pole, differential input, resolution 13 Bit, for increased environmental requirements.

Technical details

General data

Approval:	CE, UKCA, cULus Listed, KOSHA, TÜV, EAC (Eurasian)
Application range:	Failsafe

Technical data

Analog inputs

Number of analogue inputs:	1
Type of analogue inputs:	Voltage
Signal range analog input:	-10.24 V +10.2375 V
Type of input filter:	RC filter
Value least signif. bit U-Me:	2.5 mV
Resolution of analogue inputs:	13 Bit
Conversion method analog i/p:	Successive approximation
Pot. isolation analog inp./:	Yes

Inputs

Potential isolation inputs:	yes
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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 60068-2-78
Humidity rating:	93 % r. h. at 40 °C
Condensation permitted?:	Briefly
Perm. operating height ASL:	5000 m
EMC to standard ...:	EN 12015, EN 12016, EN 61131-2, EN 61000-6-2, EN 61000-6-4
Vibration to standard ...:	EN 60068-2-6
Broad band noise to:	EN 60068-2-64
Acc. shock to standard1:	150 m/s ²
Clearance & creepage dist. to:	EN 61131-2
Overvoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Protection type, housing:	IP20
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:	37 g
Gross weight:	46 g
Name of coding element:	M
Colour of coding element:	Yellow
Environment	
RoHS directive:	2011/65/EU, 2015/863/EU
RoHS conformity:	yes
RoHS exceptions:	yes

RoHS except.s acc. to direct.:	7a
REACH compliance:	contains min. 1 SVHC-substance
REACH included substances:	Lead
%-part of the pollutant:	> 0,1
CAS No.:	7439-92-1
SCIP entry available:	yes
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27242601
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000024
ETIM Reference Feature:	EC001596
UNSPSC 25:	39122331
GTIN:	4046548051292
Volume:	0 dm3
Harmonized System Code:	85389091
Type of tariff number:	TARIC
Use of customs tariff number:	Ausfuhr, Einfuhr
Quantity per packaging unit:	1

Obligatory accessories



312410

PSSu E S 2DO 2



314600

PSSu BP 1/8 S-T



314601

PSSu BP 1/8 C-T



314611

PSSu BP-C 1/8 C-T



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



312958

PSSu A LA0 (10 x 108 pcs.)