



PSSu, compact module, failsafe, counter, 2 operating modes, configurable, 1 input, incremental encoder, differential signal RS422, resolution 32Bit.

Technical details

General data

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

Technical data

Input incremental encoder

Type of inputs incr. enc.:	Incremental encoder
Signal input A, B and/or C:	Differential signal (RS 422)
Evaluation counter puls incr.:	2x, 1x, 4x
Pot. isol. incr./per. supply:	Yes
Pot. isol. incr./mod. supply:	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:	0 - 60 °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?:	Not permitted
Perm. operating height ASL:	2000 m

EMC to standard ...:	EN 61000-4-4, EN 61000-6-2, EN 61000-4-5, EN 61000-6-4, EN 61000-4-6, EN 61000-4-2, EN 61000-4-3
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	15g
Clearance & creepage dist. to:	IEC 60664-1
Overtoltage category:	II
Pollution degree clear.&creep.:	2
Protection type standard:	EN 60529
Mechanical data	
Housing material lower section:	PC
Housing material upper part:	PC
Connection terminal:	D-sub male, D-sub female
Height dimension:	128.9 mm
Width dimension:	30 mm
Depth dimension:	56 mm
Net weight:	90 g
Gross weight:	105 g
Environment	
REACH compliance:	contains min. 1 SVHC-substance
WEEE classification (08/2018):	5 devices (feed size < 50cm)
Commercial data	
ECLASS version:	ECLASS-9.1
ECLASS Reference Feature:	27242604
ETIM Version:	ETIM-7.0
ETIM Reference Group:	EG000024

Obligatory accessories



313118

PSSu A Con 4 C



313117

PSSu A Con 4 S

Optional accessories



312966

PSSu A LC 0.1 (5 pcs.)



312900

PSSu A ET (10 pcs.)



312902

PSSu A EC



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.)