

PSSu E F ABS SSI-T

314275



PSSu, electronic module, failsafe, counter, 1 input, absolute encoder SSI encoder, differential signal RS422, resolution 32 Bit, 7 transmission rates, 62.6 - 1500 kHz, for increased environmental requirements.

Technical details

General data	
Approval:	CE, cULus Listed, TÜV, EAC (Eurasian)
Application range:	Failsafe
Technical data	
Absolute encoder input	
No. of inputs absolute encoder:	1
Signal clock output ABS:	Differential signal (RS 422)
Signal data input ABS:	Differential signal (RS 422)
Potent. isol. ABS/per. supply:	Yes
Potent. isol. ABS/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:	-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:	35 g
Gross weight:	45 g
Name of coding element:	J
Colour of coding element:	Yellow
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



314611

PSSu BP-C 1/8 C-T



314600

PSSu BP 1/8 S-T



314601

PSSu BP 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



314610

PSSu BP-C 1/8 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.)