

PSEnvip RL D P

583601



PSEnvip receiver consisting of PSEnvip RL D P. For automation system PSS 4000. Display left-hand. PL e SIL 3. Approved in accordance with IEC 61496-1 and EN 12622. The product will be discontinued. The successor is 584100.

Technical details

General data	
Approval:	CE, cULus Listed, TÜV
ESPE type:	4
Sensor principle:	optical
Max. width of the detect. zone:	42 mm
Resolution protection type:	Finger
Operating range (m):	0.1 - 10 m
Technical data	
Electrical data	
Supply voltage (V):	24 - 24 V
Type of supply voltage U1:	DC
Power consumption DC:	50 W
Optical data	
Used wavelength range:	510 - 550 nm
Inputs	
Number of inputs:	5
DC voltage at input:	24 V DC
Potential isolation inputs:	No
Semiconductor outputs	
Number of OSSD outputs:	2

Potential isolation S/C O:	No
S/C output short circuit proof:	Yes
Environmental data	
Ambient temperature standard:	EN 60068-2-14
Ambient temperature:	0 - 50 °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?:	Not permitted
EMC to standard ...:	EN 61496-1, EN 61000-6-4
Vibration to standard ...:	EN 60068-2-6
Acc. shock to standard1:	10g
Protection type standard:	EN 60529
UL enclosure type:	1
Times	
Reaction time:	4 - 4 ms
Switch-on delay time OSSD:	0 - 2 s
Mechanical data	
Connection type:	M12
Cable lines:	LiYY 8 x 0.25 mm ²
Max. cable length:	75 m
Housing material upper part:	Aluminium
Height dimension:	115.5 mm
Width dimension:	112 mm
Depth dimension:	228 mm
Net weight:	2780 g
Gross weight:	3120 g
Environment	
WEEE classification (08/2018):	5 devices (feed size < 50cm)

Commercial data	
Harmonized System Code:	85258900
EAN-Code:	4046548064698
ECLASS version:	ECLASS-13
ECLASS Reference Feature:	27310101
ETIM Version:	ETIM-9.0
ETIM Reference Group:	EG000026
ETIM Reference Feature:	EC004672
Volume:	13.95 dm3