

Datasheet

➔ **PXI2S2302-0001** 

08/05/2026



Equipment

Pos.	Name	Type	Nameplate	Lens
2	SSWTLRR	Pushbutton	-	-
1	SSWWA	Selector Switch 2Pos.	-	-



Base Data

<i>Connection</i>	5-pole M12, A coded
<i>Operating temperature</i>	-25°C ... 60°C
<i>Storage temperature</i>	-40°C ... 80°C
<i>Approvals</i>	CE, UL
<i>Mounting positions</i>	2

IO-Link specific data

<i>IO-Link specification</i>	V1.1 (communication), V1.1.2 (interface and system)
<i>Class</i>	A
<i>Bit rate</i>	COM 2 / 38.4 Kbps
<i>Data width</i>	3 byte in/out
<i>Min. cycle time</i>	5000 µs
<i>SIO mode</i>	no support
<i>Vendor ID</i>	0x0545
<i>Voltage supply</i>	18 V ... 30 V DC, from IO-Link master
<i>Total power consumption</i>	≤ 200 mA
<i>Power consumption IO-Link electronic</i>	20 - 30 mA
<i>Power consumption LED</i>	15 mA (per pushbutton)
<i>Maximum power consumption per device</i>	200 mA (acc. to IO Link specification at class A)

→ PXA2E - Housing

<i>Series</i>	Proboxx®
<i>Shock resistance</i>	IK06
<i>Torque mount</i>	0.7 ±0.1 Nm (for countersunk screws according to DIN 7991/ISO 10642)
<i>Torque M12</i>	max. 0.4 Nm
<i>Color bottom part</i>	Dark grey
<i>Color top part</i>	Black
<i>Material</i>	PA
<i>Rubric</i>	Housing

→ SSWTLRR - Pushbutton

<i>Series</i>	SHORTRON® base-plate mounting
<i>Rubric</i>	Pushbutton
<i>Description</i>	Push button with red ring illumination
<i>Mechanical lifetime</i>	1,000,000 switching cycles



Further technical data on this item can be found in the product data sheet: [SSWTLRR](#)

→ SSWWA - Selector switch

<i>Series</i>	SHORTRON® base-plate mounting
<i>Rubric</i>	Selector switch
<i>Description</i>	Illuminated selector head, maintained
<i>Switching position</i>	-45° zero position 45° maintained



Further technical data on this item can be found in the product data sheet: [SSWWA](#)

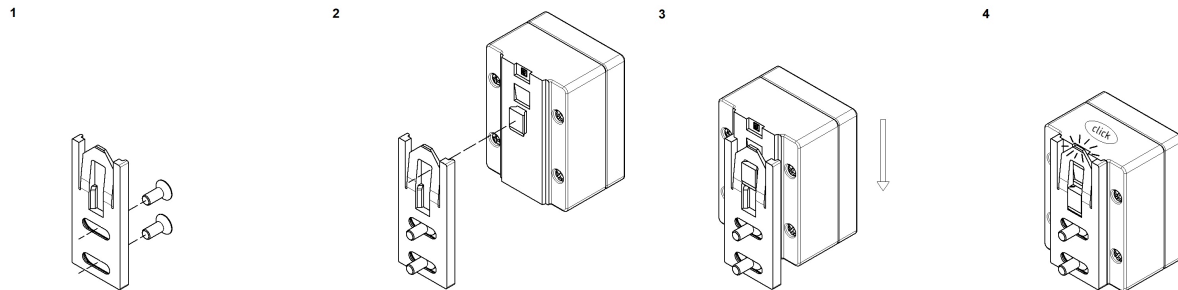
→ PTSII - Contact block

<i>Series</i>	Contact blocks P...
<i>Rubric</i>	Contact block
<i>Description</i>	Contact block, momentary
<i>Contact type</i>	2NO
<i>Mechanical lifetime</i>	1,000,000 switching cycles



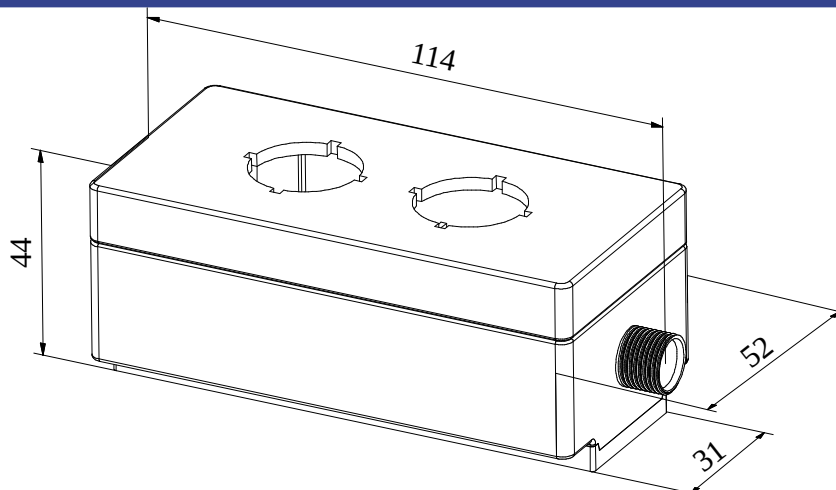
Further technical data on this item can be found in the product data sheet: [PTSII](#)

Mounting



The mounting bracket is part of the delivery, the fixing material (screw, slot nuts) is not included. Please use M5 countersunk screws acc. to DIN 7991/ISO 10642 of appropriate length. The tightening torque for the screws to fix the mounting bracket is $0.7 \pm 0.1\text{Nm}$.

Dimensional drawing



Pin assignment

Connector 1 5-pole M12	Function
Pin 1	L+
Pin 2	DI/DQ
Pin 3	L-
Pin 4	C/Q
Pin 5	not used

Input data image (IDI)		Output data image (ODI)	
Data bit	Function *	Data bit	Function *
I0	S1 – NO 1	Q0	S1 - LED / Color 1 **
I1	S1 – NO 2*	Q1	S2 - LED / Color 1 **
I2	S2 – NO 1	Q2	S1 - LED / Color 2 **
I3	S2 – NO 2*	Q3	S2 - LED / Color 2 **
I4	-	Q4	-
I5	-	Q5	-
I6	-	Q6	-
I7	-	Q7	-

* In case of two contacts

** In case of illumination

Images



Labeling

Position	Alignment	Left	Center	Right
2	horizontal	-	STOP	-
1	horizontal	MAINT	-	REMOTE