

Interface

SST-PYLON-12

Item 109145



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Partner for Future Technology

- Robust design for high stability with low deflection when fully loaded
- Centring via hardened bore bushes for optimum accuracy with high contact quality
- Floating suspension on the test fixture for optimum alignment and centring on the receiver
- High flexibility and modularity in terms of signal transmission using interface blocks
- For pylon receivers with guide pin D = 9.5 mm

Application

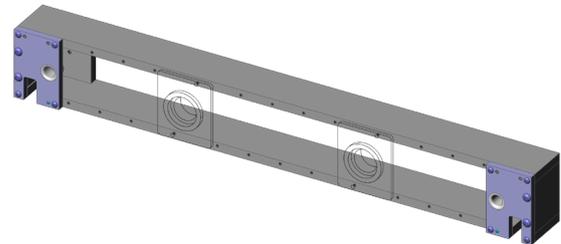
Pylon interfaces are connection/transfer elements equipped with interface blocks to reliably transmit signals between test equipment and the test system. It is installed on the rear panel of the test fixture and fitted with DUT-side interface blocks (SB-P). Thanks to the floating suspension, positioning errors of up to ± 2.8 mm can be compensated by the receiver.

Version

- Maximum deflection when fully loaded + 0.3 mm
- Centring range of floating mount: ± 0.075 mm
- Centring accuracy of bushing guide: fixed bearing ± 0.025 mm / floating bearing ± 0.275 mm

Delivery

The fixture must be assembled upon delivery. Interface blocks, dummy plates and vacuum flanges are not included in the scope of delivery



Note:

The unpopulated test system interface is populated with DUT-side interface blocks (SB-P). The maximum permissible interface force of 1,870 N must be observed.

Note:

Interface blocks, dummy plates, and vacuum flanges are not included in the scope of delivery and must be ordered separately.

Note:

The maximum deflection was determined in the laboratory using Pylon receive when fully loaded. As the deflection depends on many different factors, specifically the individual testing application, INGUN does not guarantee the actual deflection in the test field.

General data

Product group:	Fixture interfaces
Series:	SST
Type:	Pylon
Version:	Interface blocks (SB)
Accessory type:	Additional function
Scope of delivery:	Unpopulated, max. 12 SB
Max. interface signals:	1700
Width:	46 mm [1.81 in]
Height:	64 mm [2.51 in]
Weight:	1.1 kg [2.42 lbs]
Min. temperature:	10 °C [50 °F]
Max. temperature:	60 °C [140 °F]
RoHS-compliant:	Yes

Compatible with

Manual test fixtures (MA):	MA xx14
Vacuum test fixtures (VA):	4060
Accessories:	SSA-PYLON-12

Technical data

Length:	484 mm [19 in]
Outer dimensionS (WxDxH):	484 x 46 x 64 mm [19 x 1.81 x 2.51 in]

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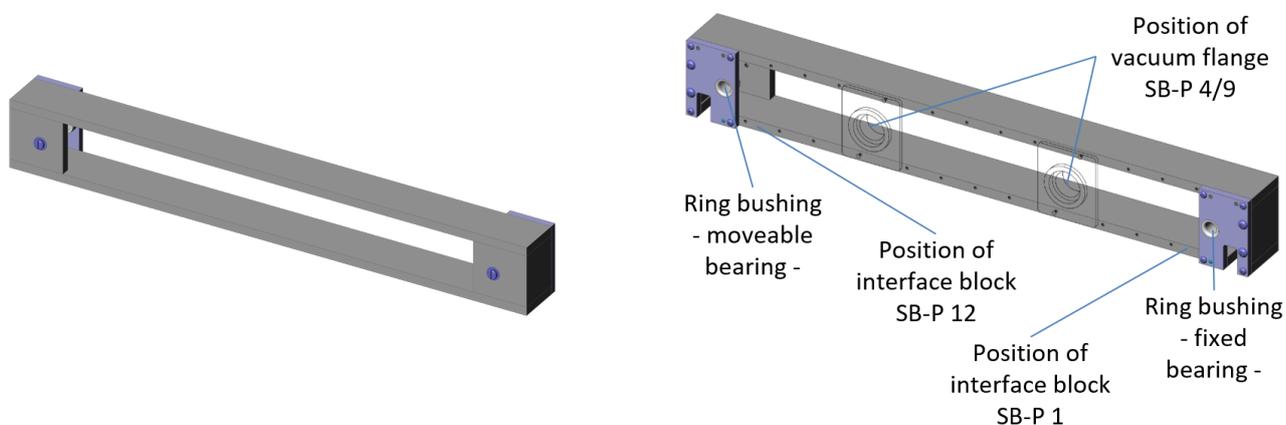
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Accessories

Part no.	Designation	Version
Interface blocks (excerpt)		
13515	SB-P-SI-170-4A-0,6	Signal block
16900	SB-P-HS-045-30A-1,0	High-current block
31002	SB-P-HF-016-0,7GHz	Radio-frequency block, 0,7 GHz
34571	SB-P-HF-016-4GHz-Z	Radio-frequency block, 4 GHz
42627	SB-P-HF-008-6GHz-Z	Radio-frequency block, 6 GHz
35532	SB-P-HF-004-18GHz	Radio-frequency block, 18 GHz
29448	SB-P-LL-045-DM2,3	Optical wave block
37821	SB-P-PN-008-PK3-A	Pneumatic block
50581	SB-P-MB-20/4-30A/PK3-A	Mixed block, High-current/Pneumatic
Interface supports		
114031	SSA-PYLON-12-MAxx12	Suitable to manual test fixtures MA xx12
114030	SSA-PYLON-12-MAxx13	Suitable to manual test fixtures MA xx13
114033	SSA-PYLON-12-MAxx14	Suitable to manual test fixtures MA xx14
113591	SSA-PYLON-12-VA4030	Suitable to vacuum test fixtures VA 4030
113590	SSA-PYLON-12-VA4040	Suitable to vacuum test fixtures VA 4040
113592	SSA-PYLON-12-VA4060	Suitable to vacuum test fixtures VA 4060
Accessories		
2487	SB-B-BLP-ALU	Interface dummy plate
109725	SB-P-VA-001-PG16	Vacuum flange Pylon interface
22470	SB-T-VA-001-PG16-ALU	Vacuum flange Pylon receiver
Pylon receiver		
32162	RC-Pylon-12-V2	INGUN Pylon receiver

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