

General Specifications

Direct Mount Adaptors for DP Transmitters - CIP

Specification Type SA / SA-3

Application

Ideally suited to the food and beverage manufacturing industries, for control of very low-level pressure ranges, and where process temperatures vary. By using the temperature compensation of the **Transmitter capsule diaphragm**, levels as low as 100mm H₂O can be controlled even when the process temperature is fluctuating dramatically. Adding cold ingredients to a hot batch of product or visa-versa could cause this temperature change. The adaptor is suitable for use where spray ball cleaning of process vessels is used. The adaptor has no crevices for bacteria to lodge and grow, therefore meeting the requirements for "Cleaning in Place" (CIP) when used with the appropriate Gasket.

Configuration

For D.P. transmitters only. The adaptor is mounted directly to the high side of the transmitter capsule. A special gasket fits between the adaptor and capsule to give a sanitary seal. There is no filled system and no special tools or technology required for service. The transmitter specifications remain unchanged.

Process Connection

DIN 11851, ISO 2852 (Tri-clamp)
& ISO 2583 (IDF)

Standard Pipe Sizes available

DN40 (1-1/2") DN50 (2") & DN80 (3")

Note: - Gaskets used with 3-A marked adaptors must comply with 3-A design & material requirements for CIP applications. For details please contact the manufacturer

Wetted Materials

Adaptors are supplied standard as Dual Certified 316/316L SS Barstock
Gaskets supplied for mounting the Adaptor to the Transmitter are EPDM which is specified as a 'low fat tolerance' rubber it is only suitable for contact with Max. 8% milk fat according to the 3-A designation for Class II.

Accuracy, Ambient & Process Temperature Limits

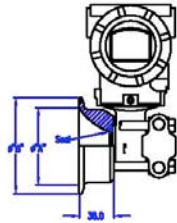
Per transmitter specifications.



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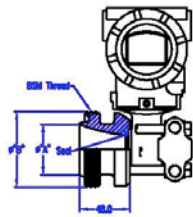
Sanitary Direct Mount DP Transmitter Adaptors CIP – Type SA/SA-3		Suffix Code
Process Connection	Sanitary Adaptor	SA
	Sanitary Adaptor with 3-A marking	SA-3
Connection Type	ISO 2852 (Tri-clamp)	TRI
	DIN11851 Male	DINM
	DIN 11851 Female	DINF
	ISO 2853 (IDF) Male	IDFM
	ISO 2853 (IDF) Female	IDFF
Connection Size	DN40 (1-1/2") Note: connections only available for some Transmitter types	12
	DN50 (2")	16
	DN80 (3")	24
Wetted Material	316/316L Dual Certified Stainless Steel	S

Model SA Direct Mount Adaptors



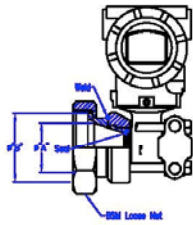
TR1 – Triclover adaptors

Model Size	1/2"	3/4"
1-1/2"	38.0	61.5
2"	47.8	63.5
3"	73.0	83.5



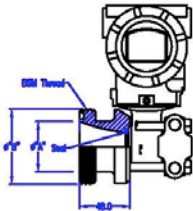
BRM – BSM Recessed Face (RJT) Male Adaptors

Model Size	1/2"	3/4"
1-1/2"	38.0	58.3
2"	47.8	73.0
3"	73.0	97.5



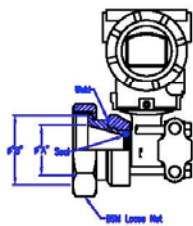
BRF – BSM Recessed Face (RJT) Female Adaptors

Model Size	1/2"	3/4"
1-1/2"	38.0	58.0
2"	47.8	68.7
3"	73.0	92.1



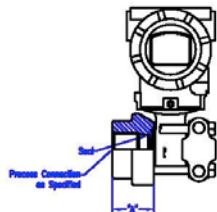
BFM – BSM Flat Face Male Adaptors

Model Size	1/2"	3/4"
1-1/2"	38.0	58.3
2"	47.8	73.0
3"	73.0	97.5



BFF – BSM Flat Face Female Adaptors

Model Size	1/2"	3/4"
1-1/2"	38.0	58.0
2"	47.8	68.7
3"	73.0	92.1



FIT & FNF – Female Tapered Thread Adaptors

Model Size	1/2"
1/2"	48.0
3/4"	48.0
1"	48.0
1-1/2"	68.0
2"	68.0