

TECHNICAL SPECIFICATION SHEET :- STD 5000 SERIES I/P CONVERTER

Sl. No.	Requirement	Requirement Confirmation/Information by Bidder
1	Supplier's/Manufacturer's name	SHREYAS INSTRUMENTS PVT LTD
2	Explosion proof	Non explosion proof
3	Mention Models offered	REFER ATTACHMENT
4	Input signal	4 to 20mA
5	Air Supply input to E/A converter	1.4 kg/cm ²
6	Output	Varies with respect to model.
7	Output air capacity	4.0 SCFM approx.
8	Accuracy	+/-0.15% OF SPAN
9	Repeatability	0.05% OF SPAN
10	Air Supply Pressure Effect for $\pm 1\%$ input air supply pressure change	NIL
11	Input Resistance	4.2 V max
12	Span Adjustment	$> \pm 2\%$ of Span
13	Zero Adjustment Range	$> \pm 2\%$ of Span
14	Field Adjustable for Direct/Reverse action	YES
15	Mounting & Mounting Accessories	SURFACE / 2" PIPE MOUNTING KIT
16	Enclosure Class	IP-66
17	Ambient Conditions	Up to 66°C Up to 95% RH
18	Storage Conditions	Up to 85°C Up to 100% RH
19	Insulation Resistance	$> 10\text{Mohm}$ at 100 V DC
20	Case material	Varies with respect to model.
21	Standard followed for painting	IN HOUSE
22	Input Air Supply Connection details	1/4" NPT (F)
23	Pneumatic Output Signal Connection details	1/4" NPT (F)
24	Cable entry details	1/2" NPT (F)
25	Terminal Connection type & size	SUITABLE FOR 1.5 SQMM WIRES