

BHEL PEM	DATA SHEET FOR CONTROL VALVES (WITH PNEUMATIC ACTUATOR)	SPECIFICATION NO.: PE-TS-410-145-I104A	
		VOLUME	
		SECTION	
		REV. NO. 03	DATE: 15.06.2015
		SHEET 53	OF 54

Tag No.: **Applicable to all Tag Nos.** Qty.: **As required**

Data Sheet No. PES-145-06-DS1-0

DATA SHEET – A & B**DATA SHEET – A FOR CONTROL VALVE (WITH PNEUMATIC ACTUATOR)
(TO BE FILLED BY PURCHASER)**

POSITIONER	MFR. & MODEL No. BYPASS: GAUGES : ENCLOSURE CLASS INPUT SIGNAL OUTPUT SIGNAL	VENDOR DATA ☐ YES : ☒ THREE : IP-65 4-20 mA TO SUIT ACTUATOR
AIR FILTER REGULATOR	MFR. & MODEL No. BOWL MATERIAL AIR SUPPLY PRESS (Kg/Cm2) OUTPUT PRESS (Kg/Cm2) OUTPUT GAUGE TYPE ACCURACY FILTER ELEMENT / ACCESSORIES MAT. FILTER SIZE ENCLOSURE TYPE MATERIAL	VENDOR DATA METALLIC 5.0 to 8.0 TO SUIT ACTUATOR ☒ REQUIRED ☐ NOT REQUIRED CONSTANT BLEED TYPE ±0.1% PHOSPHOR BRONZE / SS 5 MICRONS WEATHERPROOF & WATERPROOF SS
AIR LOCK	MFR. & MODEL No. SET PRESS (Kg/Cm2) SUPPLY PRESS (Kg/Cm2) RESET TYPE VENT PLUG	VENDOR DATA VENDOR DATA 3.0 to 5.0 AUTO ☒ REQUIRED
LIMIT SWITCH	MFR. & MODEL No. OPEN : INT : CLOSE CONTACT TYPE RATING (AC/DC) ENCLOSURE CLASS	VENDOR DATA 1 NO. : --- : 1 No. SPDT 2 NO + 2 NC 5A 240V AC and 0.2A 220V DC ☒ IP65
POSITION TRANSMITTER	MFR. & MODEL No. TYPE SUPPLY OUTPUT RATING ACCURACY ENCLOSURE CLASS	IN BUILT SMART POSITIONER ☒ ELECTRONIC (2-WIRE) CONTACTLESS (LVDT TYPE) ☐ OTHER 24V DC ☒ 4-20 ma ☐ 0-100 Ohms +/- 1% FS ☒ IP65
SOLENOID VALVE	MFR. & MODEL No. RATING OPERATION QTY COIL INSULATION CLASS ENCLOSURE CLASS MANUAL OPERATION	VENDOR DATA ☒ 24V DC ☐ 220V DC ☐ 240V AC ☐ STAYPUT ☒ INTERLOCK ☒ 1 ☐ 2 CLASS-H ☒ IP65 ☐ NEMA 4 YES / INBUILT

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BHEL PEM	DATA SHEET FOR CONTROL VALVES (WITH PNEUMATIC ACTUATOR)	SPECIFICATION NO.: PE-TS-410-145-I104A	
		VOLUME	
		SECTION	
		REV. NO. 02	DATE: 21.04.2015
		SHEET 54	OF 54

Tag No.: **Applicable to all Tag Nos.** Qty.: **As required**

Data Sheet No. PES-145-06-DS1-0

DATA SHEET – A & BDATA SHEET – A FOR CONTROL VALVE (WITH PNEUMATIC ACTUATOR)
(TO BE FILLED BY PURCHASER)

SOLENOID VALVE	BODY MATERIAL TRIM MATERIAL ENCLOUSER MATERIAL	SS BAR STOCK SS 316 STAINLESS STEEL
HANDWHEEL	ORIENTATION	☐ TOP MOUNTED ☒ SIDE MOUNTED
VOLUME BOOSTER		BIDDER TO SPECIFY
JUNCTION BOX	MFR. & MODEL No. NO. OF WAYS SIZE CABLE GLANDS : (SIZE / QUANTITY) ENCLOSURE CLASS	VENDOR DATA THIRTY SIX AS REQUIRED AS REQUIRED AS REQUIRED IP-65
SS TUBING & FITTING PER CV.	SS TUBING & FITTINGS	12 METER FROM INST. AIR HEADER ISOLATING VALVE TO THE CONTROL VALVE
DIAPHRAGM	MATERIAL	NYLON REINFORCED NEOPRENE