



**dust filter controls**

# Product Data Sheet

# ZX41

## Pressure Transmitter



### FEATURES

■ *The ZX41 Pressure Transmitter is a tried and tested member of our range of advanced control peripherals. Aimed primarily at Dust Extraction and Air Flow applications, this transmitter unit has an electronic control system and responds accurately to pressure differences sensed at the pneumatic receptors with a linear 4-20mA output. The unit is factory calibrated to suit the following pressure ranges:-*

- Pt. No. ZX41(4" / 100mm).....0 - 4" / 100mm Water gauge*
- Pt. No. ZX41(10" / 250mm).....0 - 10" / 250mm Water gauge*
- Pt. No. ZX41(28" / 700mm).....0 - 28" / 700mm Water gauge*

*Pneumatic bulkhead fitting types are specified by adding "C" to the part number for compression type (as image above).*

*The ZX41 is fully compatible with all our KX and ZX ranges of monitors. Its singularly robust and simple design guarantees no resetting or recalibration would be needed as a result of disconnection or power failure, ensuring seamless operation at all times. Attractively packaged and weather-proof to IP65 specifications, this unit can confidently be used with a variety of systems - wherever versatile and accurate pressure monitoring is required.*



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# Technical Specifications

UNIT:	Part Number ZX41
INPUT SUPPLY:	Loop powered 15 - 40Vdc.
INPUT FUSES:	This equipment is not fused.
POWER SUPPLY:	Loop powered - see above
MAINS FAILURE:	In the event of power failure, the unit will operate to specification when the voltage level comes within the above limits.
START UP SEQUENCE:	The unit is arranged so that pressure reading and 4-20mA output will start immediately.
PRESSURE SCALE:	0 - 100, 0 - 250, 0 - 700mmWG 0 - 4", 0 - 10", 0 - 28" WG.
DP PRESSURE CONNECTIONS	2 x 5mm (outside dia.) pneumatic compression connectors suitable to accept nylon hose.
CONSTRUCTION:	Solid state components mounted on a single-sided glass fibre P.C.B with component legend.
INDICATION:	This equipment has no on-board visual display.
AMBIENT TEMPERATURE AT BOARD SURFACE:	-10 to +45 deg.C.
STORAGE TEMPERATURE:	-20 to + 70 deg.C.