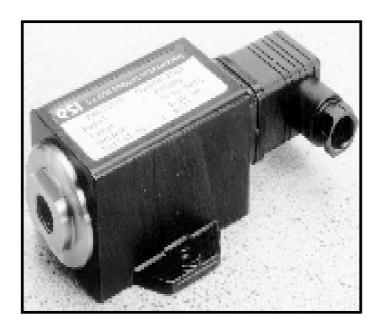
PROTRAN



- HIGH STABILITY CERAMIC SENSOR
- SUPPLY VOLTAGE 13 36Vdc
- 4-20mA TWO-WIRE OUTPUT
- ZERO + SPAN ADJUSTMENT ON-SITE
- RANGES 500mbar to 400bar
- DIN RAIL MOUNTABLE DIN 46277-1
- PROTECTED TO IP65
- INTRINSICALLY SAFE MODELS

DESCRIPTION

The PR3000 pressure transmitter incorporates the highly stable ceramic thick film pressure diaphragm, with a unique high performance amplifier to give excellent reliability over a long service life.

DIN Rail or bulkhead mountable, the transmitter is protected to IP65.

Applications include the static and dynamic measurement of liquids or gases for measurement and control applications. The DIN Rail mounting facility offers ideal use in control panels for pneumatic, hydraulic, H.V.A.C. or industrial process applications

Electrical connection is DIN plug and socket, access to zero and span adjustment is made by removing top plate for easy on-site adjustment.

Pressure connection as standard is via a $\frac{1}{4}$ "BSP female connection.

Ranges available from 0-500mbar to 0-400bar.

Tel: 01978 262255



Fax: 01978 262233

PROTRAN

PR3000 DIN RAIL MOUNTED PRESSURE TRANSMITTER

SPECIFICATION

IN	Pι	JT

Pressure ranges 0-500 mbar to 0-400 bar
Pressure reference Gauge or Absolute
Over pressure 2 x Rated pressure

OUTPUT

ACCURACY

ELECTRICAL

Supply voltage	13-36Vdc
Supply voltage effects	3µA/V
Reverse polarity	Protected

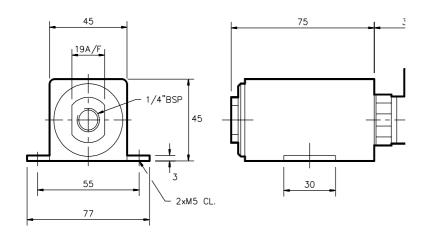
Adjustment±10% FSO Zero and Span

ENVIRONMENTAL

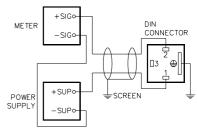
PHYSICAL

Pressure connection	¼" BSP temale
Electrical connection	DIN plug + socket to DIN43650
Mounting	DIN Rail mounting to DIN46277-1
Enclosure rating	IP65
Natural frequency	12 Khz (min)
Weight	375 grams
Materials	300 series stain'stl body/Connector
	alumina diaphragm

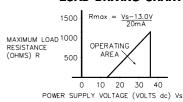
DIMENSIONS / WIRING DETAILS



TRANSMITTER WIRING DIAGRAM



LOAD DRIVING CHART



ORDERING INFORMATION

STATE MODEL NUMBER AND PRESSURE RANGE REQUIRED: i.e. PR3000 0-10bar

MODEL NO.	DESCRIPTION	
PR3000 bar	Transmitter 0-500 mbar to 0-400	

PRESSURE RANGES

-1 - 0 bar Vac 0 - 500 mbar	0 - 16 bar 0 - 25 bar
0 - 1 bar	0 - 40 bar
0 - 1.6 bar	0 - 60 bar
0 - 2.5 bar	0 - 100 bar
0 - 4 bar	0 - 160 bar
0 - 6 bar	0 - 250 bar
0 - 10 bar	0 - 400 bar

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