



# Pressure Transducer

## General Features

- Wetted parts Stainless steel
- Case highly resistive (PBT)
- CE conformity EN61326
- Water proof construction IP69K
- Shock resistance 500g (DIN EN837)
- Fully protected (reverse supply, output s/c, etc)



## Technical Data

|                                    |   |
|------------------------------------|---|
| Pressure Range                     | 1250, 2000 & 3000 psi (86, 138 & 206 Bar) |
| Over pressure Safety               | 2 X                                       |
| Burst Pressure                     | 10 to 4.25 X                              |
| Response Time                      | 5ms max.                                  |
| Output Voltage Range               | 0.5V to 4.5V for full scale               |
| Supply Voltage (reverse protected) | 10 to 36Volts DC                          |
| Operating Temp. Range              | -40 to +125 °C (Medium)                   |
| Compensated Temp. Range            | 0 to 80 °C                                |

## Electrical Connection

3 way MATE-N-LOK connector, Pin 1- B+Ve, Pin 2- Output, Pin 3- Neg.

Mating connector information (parts not supplied with the transducer):

|         | Mating plug | Wire seal | Interface seal | Strain relief | Socket |
|---------|-------------|-----------|----------------|---------------|--------|
| AMP p/n | 1-480700-0  | 794272-1  | 794271-1       | 1-640720-0    | Note 1 |

## Mechanical

Mechanical Fitting: 7/16"-20 UNF (SAE #4 with O-Ring boss)

Overall length 29"

## Part Number

- 38 200 125 – 1250psi (Red O-Ring)
- 38 200 200 – 2000psi (Black O-Ring)
- 38 200 300 – 3000psi (Green O-Ring)