

## Pressure Transducer

# XTP150G

### Technical data

#### General

|                        |  |
|------------------------|--|
| Pressure range         | 15 Pa - 150 Pa +/- 0,1 % Full scale        |
| Dimensions (h x w x d) | 90 mm x 115 mm x 55 mm                     |
| Weight                 | 237 g                                      |
| Ingress Protection     | IP65                                       |
| Material               | Box: Light grey polycarbonat (PC)          |
| Ambient temperature    | -25 °C - +50 °C                            |
| Storage temperature    | -25 °C - +50 °C                            |
| Connection terminals   | Screw: max.1,5 mm <sup>2</sup> wire        |
| Cable length           | Max. 100 m, min. 0,75 mm <sup>2</sup> wire |

#### Inputs

|                                |                   |
|--------------------------------|-------------------|
| Supply                         | 24 VDC (+/- 15 %) |
| Power Consumption, absolut max | 75 mA             |
| Power Consumption, nominal     | 60 mA             |

#### Outputs

|                              |                      |
|------------------------------|----------------------|
| Output                       | 0-10 VDC, max. 10 mA |
| Alarm relay output (max)     | 48 V / 2 A           |
| Alarm relay contact material | AgCdO                |

#### Miscellaneous

|                                       |                                     |
|---------------------------------------|-------------------------------------|
| Tolerable overload                    | 5000 Pa                             |
| Medium                                | Air and exhaust gases               |
| Response time                         | < 0,2 s                             |
| Resolution from digital sensor        | 0,01 Pa                             |
| Repeatability                         | +/- 0,1 % Full scale                |
| Combined non-linearity and hysteresis | +/- 0,05 % Full scale               |
| Offset longtime drift 1 year          | +/- 0,7 Pa max.                     |
| Temperature drift                     | +/- 1,0 % Full scale                |
| Transfer ratio                        | 0,6 (250 Pa signal / 150 Pa output) |

#### Third part approvals

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| The XTP150G is certified by GASTEC and have the certification number PIN: 0063 BU1711 |
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