



# ISE20C(H), High-Precision, Digital Pressure Switch for General Fluids

## ISE20C-T-F02-W

Datasheet

### General series information

- 3-Screen Display High-Precision Digital Pressure Switch for General Fluids.
- 2 outputs + Analog output (Voltage/Current).
- IP65.
- Applicable fluid: Fluid that will not corrode stainless steel 630 and 304.
- Pressure range: -0.1 to 2 MPa.
- Repeatability:  $\pm 0.2$  % F.S.
- Response time: 1.5 ms or less.
- Consumption: 35mA or less.

### Standard specifications

|                             |  |
|-----------------------------|--|
| Series                      | ISE20  |
| Rated pressure range        | C (-0.1 to 1 MPa)  |
| Output Specification        | T (PNP Open Collector 2 Outputs + Analogue Voltage Output)   |
| Unit Specification          | w/Unit Selection Function                                    |
| Piping Specification        | F02 [G1/4, (M5, Female Threaded)]                            |
| Piping Direction            | Rear Ported  |
| Lead Wire                   | W (Lead Wire w/Connector, 5-core, 2 m Lead Wire, Waterproof) |
| Bracket                     | None   |
| Operation Manual            | Operation Manual, w/o Calibration Certificate                |
| Maximum ambient temperature | 50 °C  |
| Minimum ambient temperature | -5 °C  |
| General power supply        | 12 to 24 VDC   |
| Approvals                   | CE   |

|                      |  |
|----------------------|--|
| Response time        | 1.5 or less  |
| Output type          | PNP open collector 2 outputs + Analogue voltage output   |
| Current consumption  | 35 mA or less  |
| Enclosure            | IP65   |
| Repeatability        | ±0.2 % F.S. ±1 digit                                     |
| Port size            | G1/4 (M5 female threaded)                                |
| Applicable fluid     | Fluids that will not corrode stainless steel 630 and 304 |
| Rated pressure range | -0.1 to 1 Mpa  |
| Withstand pressure   | 2 Mpa  |
| Number of screens    | 3-screen display   |
| Weight               | 0.087 Kg   |



## Additional information

|                           |  |
|---------------------------|--|
| Catalogue                 | <a href="#">ZSE20-ISE20-E_EU.pdf</a>   |
| Declaration of conformity | <a href="#">newDoC_Z_ISE20ABC_TF1V224EN.pdf</a>  |
| Installation manuals      | <a href="#">IM_Z_ISE20C_TF2Z061EN.pdf</a>  |
| Operation manuals         | <a href="#">OM_ZSE_ISE20C_OMU0009EN-F.pdf</a><br><a href="#">ZSE20C_quickguide.pdf</a> |