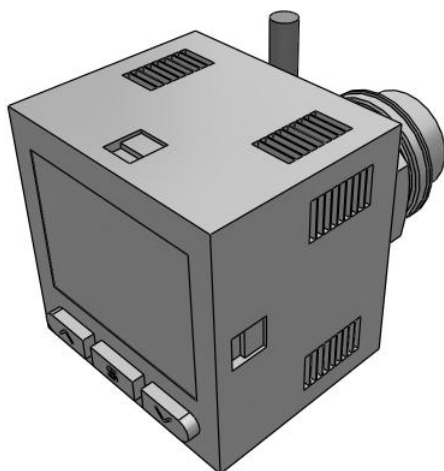




## ISE20C(H), High-Precision, Digital Pressure Switch for General Fluids

### ISE20CH-T-F02-W

Datasheet

### General series information

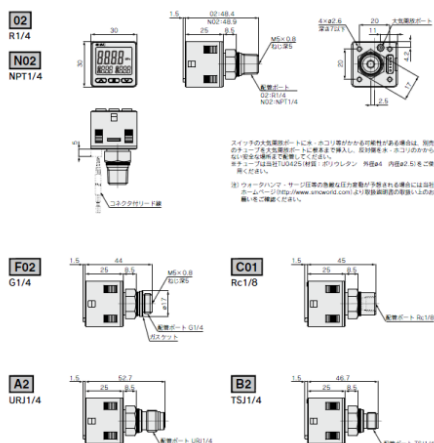
- 3-Screen Display High-Precision Digital Pressure Switch for General Fluids.
- 2 outputs + Analog output (Voltage/Current).
- IP65.
- Applicable fluid: Fluid that will not corrode stainless steel 630 and 304.
- Pressure range: -0.1 to 2 MPa.
- Repeatability:  $\pm 0.2$  % F.S.
- Response time: 1.5 ms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

### Standard specifications

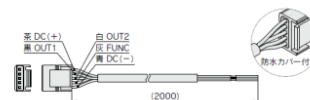
|                             |                                                                                   |
|-----------------------------|-----------------------------------------------------------------------------------|
| Series                      | ISE20                                                                             |
| Rated Pressure Range        | CH (-0.1 to 2 MPa)                                                                |
| Output Specification        | T (PNP Open Collector 2 Outputs + Analog Voltage Output)                          |
| Unit Specification          | Unit Selection Function, Switches w/Unit Selection not Permitted for Use in Japan |
| 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 2 Mpa                                            |
| Withstand pressure   | 4 Mpa                                                    |
| Number of screens    | 3-screen display                                         |
| Weight               | 0.087 Kg                                                 |

## Dimensions



コネクタ付リード線：ZSE20C(F)/ISE20C(H)用  
(オプション単体品番：ZS-46-5F)



## 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> |