

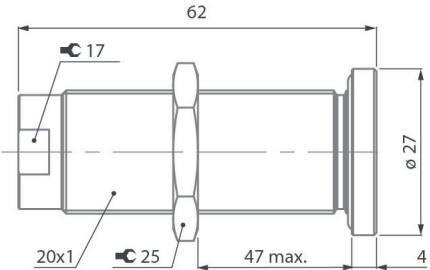
GENERAL INFORMATIONS

|                                 |                       |
|---------------------------------|-----------------------|
| Part number                     | 124124                |
| Designation                     | WDE 105 ZA069-130     |
| Product line                    | Core Series Brass     |
| Series size                     | 105                   |
| Connector type                  | Feedthrough           |
| Body style design               | Feedthrough           |
| Housing material                | Brass                 |
| Housing color                   | Grey                  |
| Contact termination             | N/A                   |
| Contact gender                  | Male/Female           |
| Contact configuration           | Multipole low voltage |
| Locking system                  | Plug-related          |
| Mounting type                   | Panel Front Mounted   |
| Cable diameter (min - max) [mm] | 1.5 - 10.7            |
| Panel cut-out diameter [mm]     | 20.1                  |
| Data protocol compliance        | -                     |



Picture for illustration purpose only.  
Contact configuration may vary- refer to pin layout.

DIMENSIONS



KEYING CODE



PIN LAYOUT



All dimensions and images shown are in millimeters and are for reference only.

ELECTRICAL & CONTACT CONFIGURATION

| Number of contacts | Contact type          | Insultator material | Contact Ø [mm] | Pin Ø [mm] | Ground pin Ø [mm] | Wire size min [AWG] | Wire size max [AWG] | Test voltage AC r.m.s [kV] in mated position |                    | Test voltage DC [kV] in mated position |                    | Current per contact [A] |
|--------------------|-----------------------|---------------------|----------------|------------|-------------------|---------------------|---------------------|----------------------------------------------|--------------------|----------------------------------------|--------------------|-------------------------|
|                    |                       |                     |                |            |                   |                     |                     | Contact to body                              | Contact to contact | Contact to body                        | Contact to contact |                         |
| 12                 | Multipole low voltage | PEEK                | 1.3            | -          | -                 | -                   | -                   | 1.4                                          | 1.5                | 1.8                                    | 2                  | 8                       |

### ENVIRONMENTAL & MECHANICAL DATA

| Characteristic        | Value                                                                                                                     | Standard                                                                   |
|-----------------------|---------------------------------------------------------------------------------------------------------------------------|----------------------------------------------------------------------------|
| Sealing performance   | Hermetic                                                                                                                  | IEC 60068-2-17 test Qk method 3, alternative b                             |
| Operation temperature | From -20 °C to 135 °C                                                                                                     | IEC 60512-6-11 i+j // IEC 60068-2-14-Nb                                    |
| Corrosion resistance  | Salt mist, 1000 hours ; 5% salt solution, 35°C                                                                            | IEC 60068-2-11 Test Ka // MIL-STD-202 Method 101 Condition A // EIA-364-26 |
| Endurance             | 10'000                                                                                                                    | IEC 60512-2-1, Test 2a // IEC 60512-2-2, Test 2b                           |
| Vibration resistance  | 10 to 2000 Hz, 1,5 mm or 15 g, 12 sweep cycles per axis, 20 minutes per 10-2000-10 Hz sweep cycle, no discontinuity > 1us | MIL-STD-202 Method 204 Condition B                                         |
| Shock resistance      | On request                                                                                                                | On request                                                                 |