

# Product data sheet

**Hummel connectors**

**Inserts 16-pole**

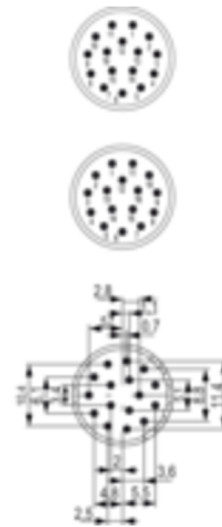
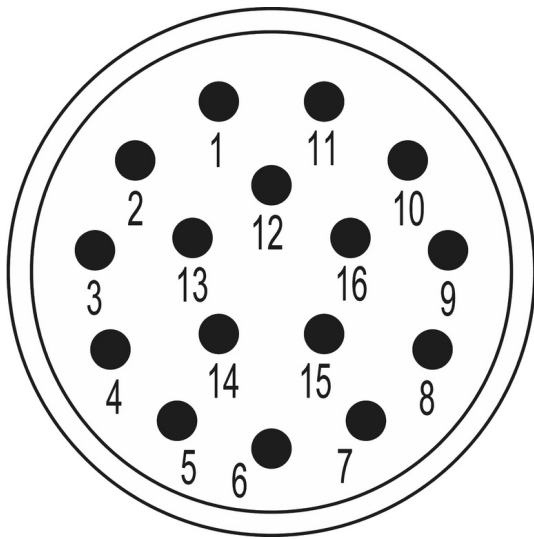


## Pinout clockwise, Signal

Sockets

7.001.916.108

<https://www.ac-solutions.be/en/product/7001916108>



## Specifications

### General Characteristics

|                      |                                                                                                         |
|----------------------|---------------------------------------------------------------------------------------------------------|
| Size                 | M23 Signal                                                                                              |
| Number of contacts   | 16                                                                                                      |
| Gender               | Female                                                                                                  |
| Pinout               | Clockwise                                                                                               |
| Upper temperature    | +125 °C                                                                                                 |
| Lower temperature    | -40 °C                                                                                                  |
| Locking              | Screw locking   Twilock                                                                                 |
| Protection degree    | IP67/IP69K                                                                                              |
| Terminal type        | Dip-solder                                                                                              |
| Included contacts    | dip solder length 10 mm                                                                                 |
| Contact diameter     | 1 mm                                                                                                    |
| Coding possibilities | N, S, H, X, Y & Z                                                                                       |
| Remark               | The correct dimension of a connector with dip solder contacts depends on the particular type of housing |

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## Electrical Parameters

|                                         |                   |
|-----------------------------------------|-------------------|
| Nominal voltage (degree of pollution 3) | 160 V~            |
| Test voltage                            | 1500 V~           |
| Nominal current                         | 8 A               |
| Insulation resistance                   | > 10 <sup>9</sup> |
| Max. contact resistance                 | 3 m $\Omega$      |

## Material

|          |                                                       |
|----------|-------------------------------------------------------|
| Material | Thermoplastic Polyamid PA 6/Fire protection class V-0 |
|----------|-------------------------------------------------------|