

# Product data sheet

Hummel connectors

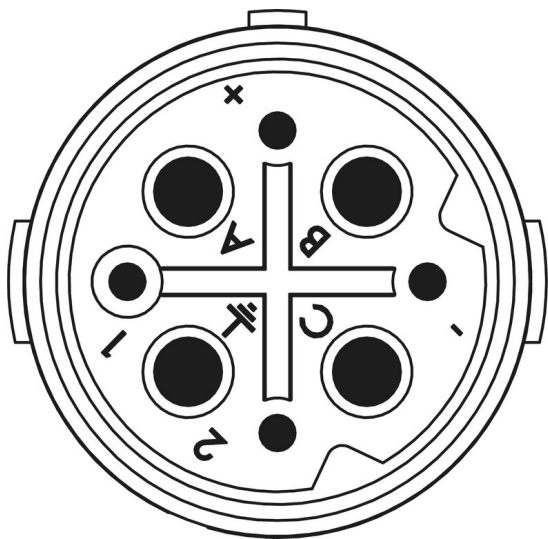
Inserts 4+3+PE



## Pins

7.053.943.101

<https://www.ac-solutions.be/en/product/7053943101>



## Specifications

### General Characteristics

|                         |                         |
|-------------------------|-------------------------|
| Size                    | M16                     |
| Number of contacts      | 4+3+PE                  |
| Gender                  | Male                    |
| Upper temperature       | +125 °C                 |
| Lower temperature       | -40 °C                  |
| Locking                 | Screw locking   Twilock |
| Protection degree       | IP67/IP69K              |
| Wire section (a)        | 0,08-0,34 mm²           |
| Wire section (b)        | 0,34-1,5 mm²            |
| Terminal type           | Crimp                   |
| Required crimp contacts | 4x0,8mm & 4x1,6mm       |
| Contact diameter (a)    | 0.8 mm                  |
| Contact diameter (b)    | 1.6                     |

### Electrical Parameters

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## Hummel connectors

### Inserts 4+3+PE



|                                             |                      |
|---------------------------------------------|----------------------|
| Nominal voltage (degree of pollution 3) (a) | 160 V~               |
| Nominal voltage (degree of pollution 3) (b) | 320 V~               |
| Test voltage (a)                            | 1500 V~              |
| Test voltage (b)                            | 2500 V~              |
| Nominal current                             | 5 A                  |
| Nominal current (b)                         | 16 A                 |
| Insulation resistance                       | > 10 <sup>11</sup> ? |
| Max. contact resistance                     | 3 m?                 |

## Material

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