

# Product data sheet

Hummel connectoren

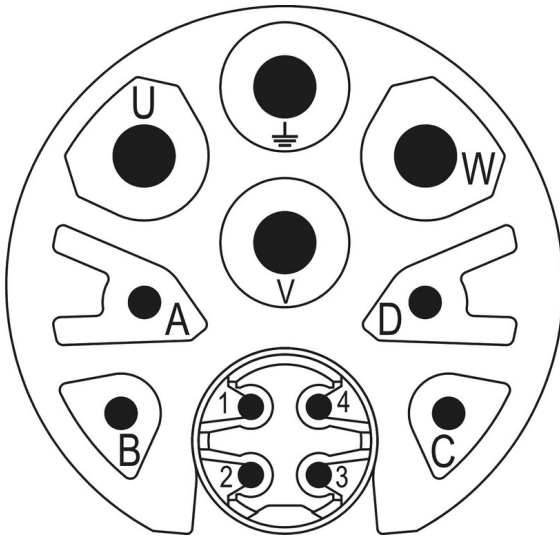
Inserts 12-pole



## Sockets, Hybrid

7.084.944.102

<https://www.ac-solutions.be/nl/product/7084944102>



## Specificaties

### General Characteristics

|                         |                           |
|-------------------------|---------------------------|
| Size                    | M23 Hybrid                |
| Number of contacts      | 12                        |
| Gender                  | Female                    |
| Upper temperature       | +125 °C                   |
| Lower temperature       | -40 °C                    |
| Locking                 | Screw locking   Twilock   |
| Protection degree       | IP67                      |
| Mating cycles           | >1000                     |
| Wire section (a)        | 0,75-4 mm <sup>2</sup>    |
| Wire section (b)        | 0,14-1 mm <sup>2</sup>    |
| Wire section (c)        | 0,08-0,34 mm <sup>2</sup> |
| Terminal type           | Crimp                     |
| Required crimp contacts | 4x2mm & 4x1mm & 4x0,6mm   |
| Contact diameter (a)    | 2 mm                      |
| Contact diameter (b)    | 1                         |

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|                      |        |
|----------------------|--------|
| Contact diameter (c) | 0.6 mm |
|----------------------|--------|

## Electrical Parameters

|                                             |              |
|---------------------------------------------|--------------|
| Nominal voltage (degree of pollution 3) (a) | 630 V~       |
| Nominal voltage (degree of pollution 3) (b) | 300 V~       |
| Nominal voltage (degree of pollution 3) (c) | 60 V~        |
| Test voltage (a)                            | 4000 V~      |
| Test voltage (b)                            | 2500 V~      |
| Test voltage (c)                            | 500 V~       |
| Nominal current (a)                         | 28 A         |
| Nominal current (b)                         | 8 A          |
| Nominal current (c)                         | 2 A          |
| Insulation resistance (a)                   | $> 10^{13}$  |
| Insulation resistance (b)                   | $> 10^{12}$  |
| Insulation resistance (c)                   | $> 10^9$     |
| Max. contact resistance (a)                 | 3 m $\Omega$ |
| Max. contact resistance (b)                 | 3 m $\Omega$ |
| Max. contact resistance (c)                 | 3 m $\Omega$ |

## Material

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