

# Product data sheet

## Hummel connectors

### Twilock-S, Panel Connector, Male Thread

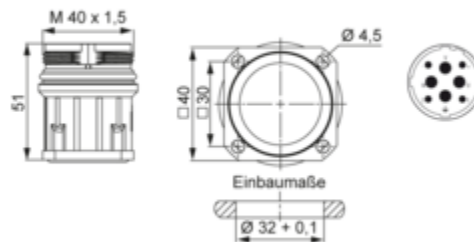


## 4+3+PE, insert for pins, power

Front Mounting

7.740.043.00S

<https://www.ac-solutions.be/en/product/774004300s>



## Specifications

### General Characteristics

|                                           |                          |
|-------------------------------------------|--------------------------|
| Number of contacts                        | 8 mixed layout           |
| Gender of required insert                 | Male                     |
| Connector locking system                  | Twilock                  |
| Protection degree                         | IP67/IP69K               |
| Mating cycles                             | >500                     |
| Terminal type                             | Crimp                    |
| Holes                                     | 4 x Bohr.4,5 mm          |
| Wire section (a)                          | 1-4 mm                   |
| Wire section (b)                          | 1,5-16 mm                |
| Crimp contacts (to be ordered separately) | 4x2mm & 4x3,6mm          |
| Contact diameter (a)                      | 2                        |
| Contact diameter (b)                      | 3.6                      |
| Remark 1                                  | Compatible with Speedtec |

## Electrical parameters

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|                                             |                    |
|---------------------------------------------|--------------------|
| Nominal current (a)                         | 28 A               |
| Nominal current (b)                         | 55 A               |
| Insulation resistance                       | > 10 <sup>13</sup> |
| Nominal voltage (degree of pollution 3) (a) | 300 V              |
| Nominal voltage (degree of pollution 3) (b) | 600 V              |
| Test voltage (a)                            | 2500 V             |
| Test voltage (b)                            | 4000 V             |
| Max. contact resistance (a)                 | 3 m?               |
| Max. contact resistance (b)                 | 1 m?               |

## Material

|                  |                                |
|------------------|--------------------------------|
| Housing material | Copper-Zinc alloy/ Die casting |
| Housing plating  | Nickel plated                  |