

## Rear panel feed-through - SM-5EP1N8AQ002 - 1605790

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Rear panel feed-through, straight, Screw locking, M40, Number of positions: 2+3+PE, Type of contact: Male connector, Crimp connection, Axial O-ring, Central fixing, Shielded: Yes, Cable cross section: 9 mm...12.5 mm

The figure shows the 8-pos.  
(4+3+PE) product version



### Key commercial data

|                                      |            |
|--------------------------------------|------------|
| Packing unit                         | 1 PCE      |
| Weight per Piece (excluding packing) | 497.33 GRM |
| Custom tariff number                 | 85366990   |
| Country of origin                    | Germany    |

### Technical data

#### General

|                                            |                                                                            |
|--------------------------------------------|----------------------------------------------------------------------------|
| Note                                       | Order information Order crimp contacts 2 x Ø 2 mm, 4 x Ø 3.6 mm separately |
| Type of locking                            | Screw locking                                                              |
| Coding                                     | N                                                                          |
| Contact connection method                  | Crimp connection                                                           |
| Type of contacts                           | Male connector                                                             |
| Number of positions                        | 6                                                                          |
| Contact diameter of power contacts         | 3.6 mm                                                                     |
| Nominal current per power contact at 25°C  | 70 A                                                                       |
| Contact diameter of signal contacts        | 2 mm                                                                       |
| Nominal current per signal contact at 25°C | 30 A                                                                       |
| Conductor entry                            | 9 mm ... 12.5 mm                                                           |
| Mounting type                              | Central fixing                                                             |

#### Ambient conditions

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### Technical data

#### Ambient conditions

|                      |                   |
|----------------------|-------------------|
| Ambient temperature  | -20 °C ... 125 °C |
| Degree of protection | IP67              |

#### Material

|                            |                                                                      |
|----------------------------|----------------------------------------------------------------------|
| Housing material           | Turned parts: copper zinc alloy (CuZn), die-cast parts: zinc (GD-Zn) |
| Insulator material         | PA 66                                                                |
| Gasket and O-ring material | FPM                                                                  |

#### Specifications according to DIN EN 61984:2001

|                                                |        |
|------------------------------------------------|--------|
| Installation height max.                       | 3000 m |
| Nominal / operating voltage of power contacts  | 630 V  |
| Rated surge voltage of power contacts          | 6 kV   |
| Surge voltage category of power contacts       | III    |
| Pollution degree of power contacts             | 3      |
| Nominal / operating voltage of signal contacts | 250 V  |
| Rated surge voltage of signal contacts         | 4 kV   |
| Surge voltage category of signal contacts      | III    |
| Pollution degree of signal contacts            | 3      |

### Classifications

#### eCl@ss

|            |          |
|------------|----------|
| eCl@ss 4.0 | 272607xx |
| eCl@ss 4.1 | 27260701 |
| eCl@ss 5.0 | 27260701 |
| eCl@ss 5.1 | 27260701 |
| eCl@ss 6.0 | 27260708 |
| eCl@ss 7.0 | 27440312 |
| eCl@ss 8.0 | 27440312 |

#### ETIM

|          |          |
|----------|----------|
| ETIM 3.0 | EC001121 |
| ETIM 4.0 | EC001121 |
| ETIM 5.0 | EC002635 |

#### UNSPSC

|               |          |
|---------------|----------|
| UNSPSC 6.01   | 43172015 |
| UNSPSC 7.0901 | 43201404 |
| UNSPSC 11     | 43172015 |

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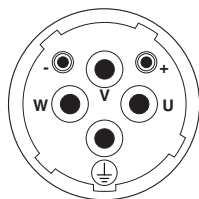
## Classifications

UNSPSC

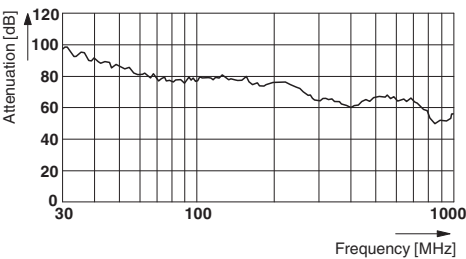
|              |          |
|--------------|----------|
| UNSPSC 12.01 | 43201404 |
| UNSPSC 13.2  | 43201404 |

## Drawings

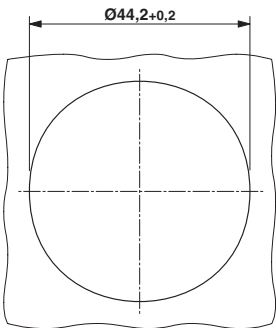
Schematic diagram



Diagram



Dimensioned drawing



Dimensioned drawing

