

Product Area Male cable connector moulded, shielded  
M12 connectors A-Coding

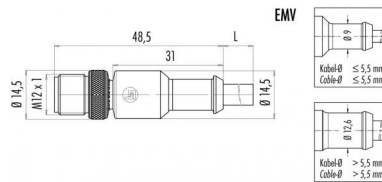
serie 763

Pole 8  
Article number 79 3579 32 08

illustration



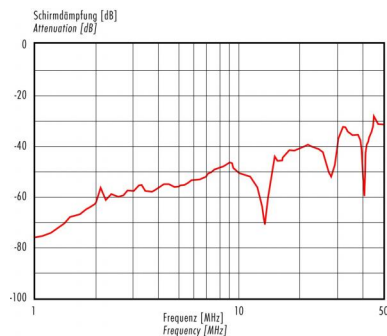
scale drawing



Contact Arrangement

|  | geschirmt/<br>shielded                                                                                                                                        | nicht geschirmt/<br>not shielded                                                                                               |
|--|---------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
|  | 1 weiß/white<br>2 braun/brown<br>3 grün/green<br>4 gelb/yellow<br>5 grau/grey<br>6 rosa/pink<br>7 blau/blue<br>8 rot/red<br>Gehäuse-Schirm/<br>Housing-shield | 1 weiß/white<br>2 braun/brown<br>3 grün/green<br>4 gelb/yellow<br>5 grau/grey<br>6 rosa/pink<br>7 blau/blue<br>8 Schirm/shield |

Attenuation characteristic



Technical data

Common values

|                          |                             |
|--------------------------|-----------------------------|
| Connector Design         | Male cable connector        |
| Connector locking system | Screw                       |
| Termination              | crimp, overmoulded on cable |
| Wire gauge (mm)          | 0,25 mm <sup>2</sup>        |
| Wire gauge (AWG)         | 24                          |
| Upper temperature        | +85 °C                      |
| Lower temperature        | -25 °C                      |

Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 60 V               |
| Rated impulse voltage | 800 V              |
| Pollution degree      | 3                  |
| Overvoltage category  | II                 |
| Material group        | II                 |
| Rated current (40°C)  | 2 A                |
| Volume resistivity    | ≤ 3 mΩ             |
| Degree of protection  | IP 67              |
| Mechanical operation  | >100 mating cycles |

Material

|                          |              |
|--------------------------|--------------|
| Material of contact      | CuZn (brass) |
| Contact plating          | Au (gold)    |
| Material of contact body | PUR          |
| Material of housing      | PUR          |

Cable data

|                                        |            |
|----------------------------------------|------------|
| material housing                       | PUR        |
| insulation single lead                 | PVC        |
| single lead structure                  | 19 x 0,127 |
| cable sheath Ø                         | 6          |
| conductor resistance                   | 73 Ω/km    |
| temperature range cable movable c from | -5         |
| temperature range cable movable c to   | 70         |
| temperature range cable fixed c from   | -25        |
| temperature range cable fixed c to     | 70         |
| bending radius cable fixed             | 60 mm      |
| bending radius cable movable           | 120 mm     |

Contacts 8: Cable lenght 2 m, cable 7 x 0,25 PUR, male cable connector moulded, shielded

