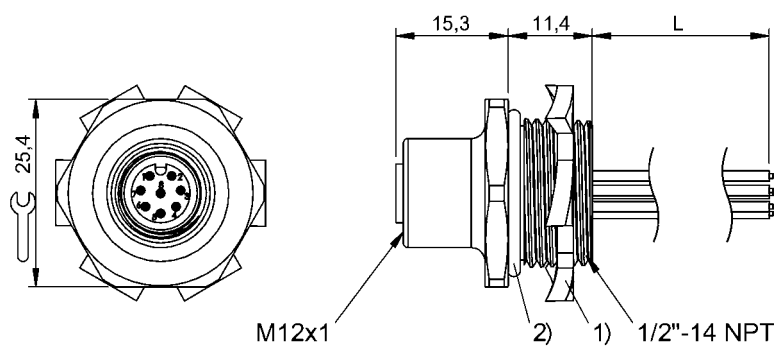


Receptacles  
BCC M458-0000-1A-RN066-020  
Order Code: BCC0E1L



1) Hex nut, 2) O-ring



Basic features

|                     |                 |
|---------------------|-----------------|
| Application         | Panel connector |
| Approval/Conformity | cULus<br>WEEE   |

Electrical connection

|                         |                                        |
|-------------------------|----------------------------------------|
| Conductor cross-section | 22 AWG                                 |
| Connection              | M12x1-Female, straight, 8-pin, A-coded |
| Number of conductors    | 8                                      |

Electrical data

|                         |                 |
|-------------------------|-----------------|
| Operating voltage $U_b$ | 60 VDC / 60 VAC |
| Rated current (40 °C)   | 2.0 A           |

Environmental conditions

|                     |              |
|---------------------|--------------|
| Ambient temperature | -40...105 °C |
| IP rating           | IP67         |

Interface

|                  |               |
|------------------|---------------|
| Switching output | Complementary |
|------------------|---------------|

Material

|                               |                      |
|-------------------------------|----------------------|
| Conductor insulation material | PVC                  |
| Material contacts             | Copper alloy         |
| Material cover nut            | Aluminum<br>Anodized |

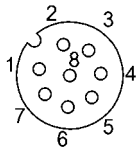
Mechanical data

|                           |          |
|---------------------------|----------|
| Lead length L             | 2.00 m   |
| Mounting part             | 1/2" NPT |
| Tightening torque pigtail | 0.6 Nm   |

Remarks

Enclosure rating per IEC 60529, only in screwed state with the associated mating piece.

Connector Drawings



- PIN 1: white
- PIN 2: brown
- PIN 3: green
- PIN 4: yellow
- PIN 5: gray
- PIN 6: pink
- PIN 7: blue
- PIN 8: red

Wiring Diagrams

- 1 \_\_\_\_\_
- 2 \_\_\_\_\_
- 3 \_\_\_\_\_
- 4 \_\_\_\_\_
- 5 \_\_\_\_\_
- 6 \_\_\_\_\_
- 7 \_\_\_\_\_
- 8 \_\_\_\_\_