



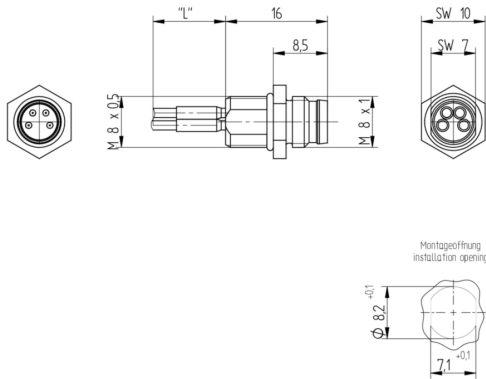
**Product:** [RSME 4](#)

M8 Standard Sensor/Actuator Receptacle Connector: Male, front mount, M8 - mating side, stranded wires - connecting side, 4-pin, A-coded, unshielded, metallic grey housing, 30 V AC/DC, 4 A

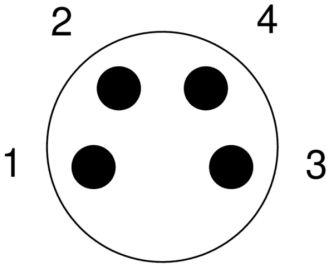
**Product Description**

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**Technical Drawing**



Male



**Technical Specifications**

**Face View**

| Pin 1 | Pin 2 | Pin 3 | Pin 4 |
|-------|-------|-------|-------|
| brown | white | blue  | black |

**Technical Data**

|                           |                              |
|---------------------------|------------------------------|
| Product Family:           | Sensor / Actuator Connectors |
| Product Sub Family:       | M8 Standard                  |
| Mating Side:              | M8                           |
| Connecting Side:          | Stranded Wires               |
| Brand:                    | Lumberg Automation           |
| Connector Type:           | Receptacle                   |
| Type of Contact / Gender: | Male                         |
| Connector Design:         | Front Mount                  |
| Number of Pins:           | 4                            |
| Coding:                   | A                            |
| Shielding:                | Unshielded                   |
| Attachment Type:          | Snap- and Screw-Locking      |
| Rated Voltage:            | 30 V                         |
| Rated Voltage (UL):       | 30 V AC/DC                   |
| Rated Impulse Voltage:    | 0.8 kV                       |
| Operating Voltage:        | 30 V AC/DC                   |

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Rated Current*:                   | 4 A                                     |
| Rated Current (UL)*:              | 2 A                                     |
| Contact Resistance:               | ≤ 10 mOhm                               |
| Insulation Resistance:            | > 10^9 Ohm                              |
| Mating Cycles:                    | ≤ 100                                   |
| Type of Connection:               | Solder                                  |
| Thread Size:                      | M8x0.5                                  |
| Ambient Temperature (Operation)*: | - 25 °C - + 85 °C                       |
| Operating Temperature (UL):       | max. + 50 °C                            |
| Protection Degree / IP Rating**:  | IP67                                    |
| Design Standard:                  | IEC 61076-2-104                         |
| Pollution Degree:                 | 3 acc. to DIN EN 60664-1 (VDE 0110-1)   |
| Overvoltage Category:             | III acc. to DIN EN 60664-1 (VDE 0110-1) |

Materials

|                                      |           |
|--------------------------------------|-----------|
| Contact Base Material:               | CuZn      |
| Contact Plating:                     | Cu/Au     |
| Contact Bearer Material:             | PA        |
| Contact Bearer Color:                | Black     |
| Flammability Class (Contact Bearer): | UL 94 V-0 |
| Potted:                              | Yes       |
| Housing Material:                    | CuZn      |
| Housing Plating:                     | Cu/Ni     |
| Housing Color:                       | Silver    |
| Attachment Material:                 | CuZn      |
| Attachment Plating:                  | Cu/Ni     |
| O-Ring Material:                     | FKM       |

Additional Technical Data

|                                  |                             |
|----------------------------------|-----------------------------|
| Fastening Torque (Attachment):   | M 8x1: 30 Ncm, hand-tight   |
| Accessories to Order Separately: | 000-011-644 Mounting Nut M8 |

Cable Data

|                                           |                                                                    |
|-------------------------------------------|--------------------------------------------------------------------|
| Cable Number:                             | 908 44                                                             |
| Conductor Size:                           | 0.227 mm²                                                          |
| Number of Wires:                          | 4                                                                  |
| Conductor material:                       | Cu                                                                 |
| Wire Insulation Material:                 | PVC                                                                |
| Insulated Wire Diameter:                  | ø 1.45 mm ± 0.1 mm                                                 |
| Ambient Temperature (Fixed Installation): | - 40 °C - + 90 °C                                                  |
| Ambient Temperature (Flex Installation):  | - 20 °C - + 90 °C                                                  |
| UL Cable Type:                            | AWM: 1007                                                          |
| Flammability Class (Cable Jacket):        | DIN EN 60332-1-2, VDE 0482-332-1-2, IEC 60332-1-2, UL-VW1, CSA-FT1 |
| Core Colors:                              | black, blue, brown, white                                          |

Approvals

|          |             |
|----------|-------------|
| UL-File: | E104696     |
| UL:      | UL 2238; UR |

Safety & Environmental Compliance

|                 |     |
|-----------------|-----|
| RoHS Compliant: | yes |
|-----------------|-----|

Notes

|                                     |                                                                                                                                                                  |
|-------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Note Derating:                      | * Notice derating                                                                                                                                                |
| Protection Degree / IP Rating Note: | * only if mounted and locked in combination with Hirschmann / Lumberg connector. On the installation side tightness has to be assured by taking proper measures. |

Variants

| Item # | Item Description | Cable Length |
|--------|------------------|--------------|
|--------|------------------|--------------|

|       |              |       |
|-------|--------------|-------|
| 42466 | RSMF 4/0,1 M | 0.1 m |
| 14515 | RSMF 4/0,2 M | 0.2 m |
| 11673 | RSMF 4/0,5 M | 0.5 m |

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