

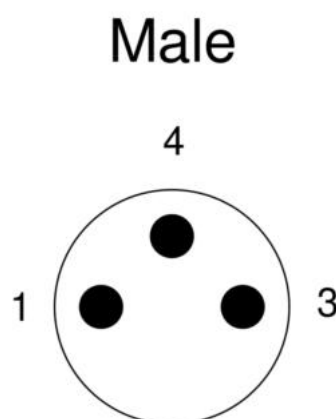
IMAGE  
COMING  
SOON**Product:** [RSMEG 3](#) 

M8 Insert Sensor/Actuator Receptacle Connector: Male, insert, M8 Snap-In - mating side, solder contacts - connecting side, 3-pin, A-coded, unshielded, metallic grey housing, 50 AC / 60 DC, 4 A (24 AWG)

### Product Description

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### Technical Drawing



### Technical Specifications

#### Technical Data

|                           |                              |
|---------------------------|------------------------------|
| Product Family:           | Sensor / Actuator Connectors |
| Product Sub Family:       | M8 Insert                    |
| Mating Side:              | M8 Snap-In                   |
| Connecting Side:          | Solder Contacts              |
| Brand:                    | Lumberg Automation           |
| Connector Type:           | Receptacle                   |
| Type of Contact / Gender: | Male                         |
| Connector Design:         | Insert                       |
| Number of Pins:           | 3                            |
| Coding:                   | A                            |
| Shielding:                | Unshielded                   |
| Attachment Type:          | Snap-Locking                 |
| Rated Voltage:            | 60 V                         |
| Rated Impulse Voltage:    | 1.5 kV                       |
| Operating Voltage:        | 50 AC / 60 DC                |
| Rated Current*:           | 4 A (24 AWG)                 |
| Contact Resistance:       | ≤ 10 mOhm                    |
| Insulation Resistance:    | > 10 <sup>9</sup> Ohm        |
| Mating Cycles:            | ≤ 100                        |

|                                   |                                         |
|-----------------------------------|-----------------------------------------|
| Type of Connection:               | Solder                                  |
| Ambient Temperature (Operation)*: | - 25 °C - + 85 °C                       |
| Protection Degree / IP Rating**:  | IP65                                    |
| 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:                | Transparent |
| Flammability Class (Contact Bearer): | UL 94 V-2   |
| Potted:                              | No          |
| Housing Material:                    | CuZn        |
| Housing Plating:                     | Cu/Ni       |
| Housing Color:                       | Silver      |

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 |
|--------|------------------|
| 11661  | RSMEG 3          |

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