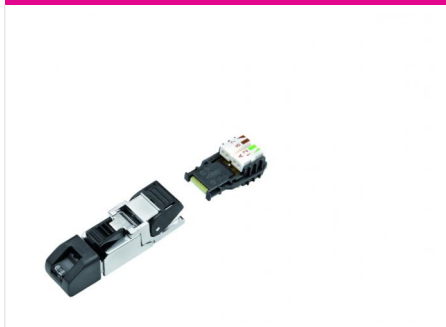
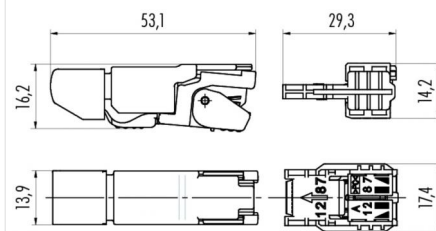


|                |                                                                                                                                        |
|----------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Product        | <b>Contacts: 8, Cable outlet: 5 - 9 mm, RJ45male connector, shieldable, CAT 6A, cross-section AWG 24/1-AWG 22/1, AWG 27/7-AWG 22/7</b> |
| Area           | <b>M12-D, M12-X Series 825 X-coding</b>                                                                                                |
| Article number | <b>99 9687 810 08</b>                                                                                                                  |

### Illustration



### Scale drawing



## Technical data

### General features

|                          |                       |
|--------------------------|-----------------------|
| Connector Design         | RJ45-male connector   |
| Connector locking system | bolted                |
| Termination              | Penetration technique |
| Wire gauge (AWG)         | 27 - 22               |
| Cable outlet             | 5 - 9 mm              |
| Upper temperature        | 85 °C                 |
| Lower temperature        | -40 °C                |

### Cable data

|            |           |
|------------|-----------|
| Approval 1 | UL listed |
|------------|-----------|

### Electrical parameters

|                      |                     |
|----------------------|---------------------|
| Rated voltage        | 50 V                |
| Pollution degree     | 2                   |
| Overvoltage category | III                 |
| Material group       | II                  |
| Rated current (40°C) | 1,3 A               |
| Volume resistivity   | ≤ 20 mΩ             |
| EMV compliance       | shieldable          |
| Degree of protection | IP20                |
| Mechanical operation | > 100 Mating cycles |

### Material

|                          |            |
|--------------------------|------------|
| Material of contact      | Federstahl |
| Contact plating          | Au (gold)  |
| Material of contact body | PC         |