

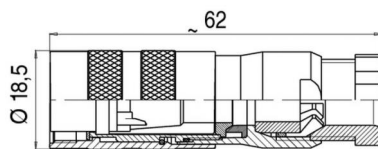
Product Area Female cable connector with shielding ring, cable outlet 6-7,8 mm  
M16 connectors IP 67 serie 423

Pole 19  
Article number 99 5662 15 19

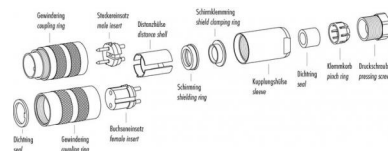
#### illustration



#### scale drawing



#### Item description



#### Contact Arrangement

|   | X     | Y     |
|---|-------|-------|
| A | 2,50  | -4,00 |
| B | 4,00  | -2,25 |
| C | 4,25  | 0,00  |
| D | 4,00  | 2,40  |
| E | 2,30  | 4,00  |
| F | 0,00  | 4,25  |
| G | -2,30 | 4,00  |
| H | -4,00 | 2,40  |
| I | -4,25 | 0,00  |
| K | -4,00 | -2,25 |
| L | -2,50 | -4,00 |
| M | 0,95  | -2,40 |
| N | 2,40  | -0,95 |
| O | 2,40  | 0,95  |
| P | 0,95  | 2,40  |
| R | -0,95 | 2,40  |
| S | -2,40 | 0,95  |
| T | -2,40 | -0,95 |
| U | -0,95 | -2,40 |

#### Technical data

##### Common values

|                          |                        |
|--------------------------|------------------------|
| Connector Design         | Female cable connector |
| Connector locking system | Screw-locking          |
| Termination              | solder                 |
| Wire gauge (mm)          | 0,25 mm <sup>2</sup>   |
| Wire gauge (AWG)         | 24                     |
| Max. Cable outlet        | 6 - 8 mm               |
| Upper temperature        | +95 °C                 |
| Lower temperature        | -30 °C                 |

##### Material

|                          |                            |
|--------------------------|----------------------------|
| Material of contact      | CuSn (bronze)              |
| Contact plating          | Au (gold)                  |
| Material of contact body | PBT (UL 94 V-0)            |
| Material of housing      | CUZn (brass nickel plated) |

##### Cable data

Contacts 19, female cable connector with shielding ring, shieldable, cable outlet 6 - 8 mm, gold plated contacts

##### Electrical values

|                       |                    |
|-----------------------|--------------------|
| Rated voltage         | 60 V               |
| Rated impulse voltage | 500 V              |
| Pollution degree      | I                  |
| Overvoltage category  | I                  |
| Material group        | III                |
| Rated current (40°C)  | 3 A                |
| Volume resistivity    | ≤ 3 mΩ             |
| EMV compliance        | shielded           |
| Degree of protection  | IP 67              |
| Mechanical operation  | >500 mating cycles |