



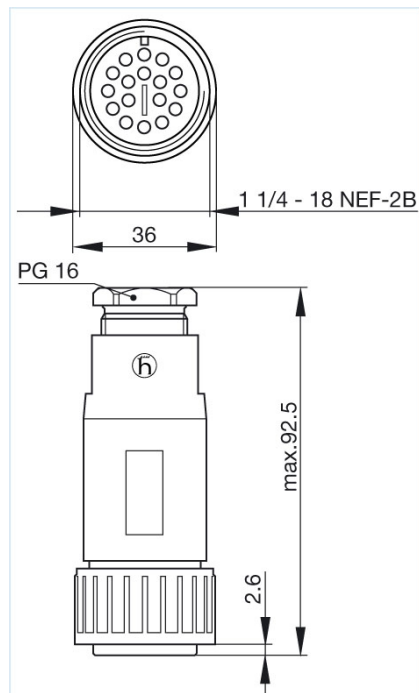
## CM 06 EA 20-29 S

Industrial Connectors: Circular connector CM-series: Cable socket

### Product description

|                    |                                                                     |
|--------------------|---------------------------------------------------------------------|
| Description        | Straight cable socket,<br>strain relief by means of a clamping cage |
| Type               | CM 06 EA 20-29 S                                                    |
| Order No.          | 933 068-100                                                         |
| Number of contacts | 17                                                                  |
| Cable gland        | PG 16                                                               |
| Cable diameter     | 12 mm to 14 mm                                                      |
| Conductor size     | max. 1.5 mm <sup>2</sup>                                            |
| Standard           | MIL-C 5015 bzw. VG 95 342                                           |
| Housing Color      | black                                                               |

### Drawing



### Technical data

|                     |                          |
|---------------------|--------------------------|
| Pin dimensions      | 1.6 mm                   |
| Rated voltage       | AC/DC 50 V               |
| Rated current       | 4 A                      |
| Contact resistance  | $\leq 5 \text{ m}\Omega$ |
| Type of termination | solder                   |
| Shell size          | 20                       |

### Material

|                                          |                                                                                   |
|------------------------------------------|-----------------------------------------------------------------------------------|
| Contact surface material                 | Ag                                                                                |
| Contact bearer material                  | PA 66-GF 25                                                                       |
| Housing material                         | PA 66-GF 25                                                                       |
| O-Ring                                   | NBR                                                                               |
| <b>Environmental conditions</b>          |                                                                                   |
| Protection class (IEC 60529)             | IP 67                                                                             |
| Pollution severity                       | 3                                                                                 |
| Temperature range                        | -40 °C to +90 °C                                                                  |
| <b>Inflammability class</b>              |                                                                                   |
| Flammability, UL standard                | 94 V-1                                                                            |
| <b>Packing unit</b>                      |                                                                                   |
| Packaging unit                           | 100 pieces                                                                        |
| <b>Scope of delivery and accessories</b> |                                                                                   |
| Scope of delivery                        | 1 cable socket, not assembled,<br>assembly instructions                           |
| Accessories to order separately          | can be plugged into CM 02 E 20-29 P;<br>cap CM 06 SD 20,<br>order no. 831 767-100 |