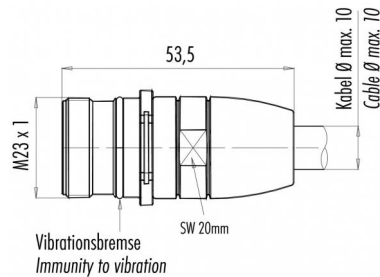


| | | | |
|---------|--|-----------|------------------------------|
| Product | Female coupling connector, shieldable, cable outlet 6 - 10 mm (.24-.40 in.) - Earth sleeves with seals have to be ordered seperately | Pole | 6 |
| Area | M 23 connectors IP 67 | serie 623 | Article number 99 4650 00 06 |

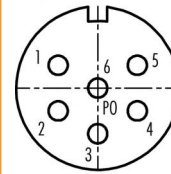
illustration



scale drawing



Contact Arrangement



| | X | Y |
|---|-------|-------|
| 1 | -4,13 | 2,38 |
| 2 | -4,13 | -2,38 |
| 3 | 0,00 | -4,75 |
| 4 | 4,13 | -2,38 |
| 5 | 4,13 | 2,38 |
| 6 | 0,00 | 0,00 |

Technical data

Common values

| | |
|--------------------------|------------------------|
| Connector Design | Female cable connector |
| Connector locking system | Screw |
| Termination | solder |
| Wire gauge (mm) | 2,50 mm ² |
| Wire gauge (AWG) | 14 |
| Cable outlet | 6 - 10 mm |
| Upper temperature | +125 °C |
| Lower temperature | -20 °C |

Material

| | |
|---------------------|----------------------------|
| Material of contact | CuSn (bronze) |
| Contact plating | Au (gold) |
| Material of housing | CUZn (brass nickel plated) |

Cable data

Contacts 6, female coupling connector, shieldable, cable outlet 6 - 10 mm, clockwise

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 300 V |
| Rated impulse voltage | 2500 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | III |
| Rated current (40°C) | 20 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | shielded |
| Degree of protection | IP 67 |
| Mechanical operation | > 50 mating cycles |

