

Product Area Male receptacle with sealing lips, solder
M12 connectors A-Coding

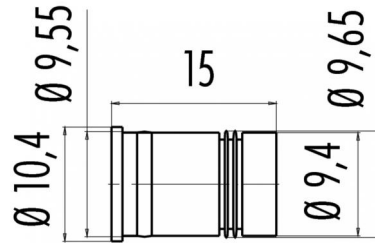
serie 713

Pole 4
Article number 09 0431 70 04

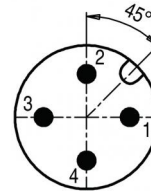
illustration



scale drawing



Contact Arrangement



| | X | Y |
|---|-------|-------|
| 1 | 2,50 | 0,00 |
| 2 | 0,00 | 2,50 |
| 3 | -2,50 | 0,00 |
| 4 | 0,00 | -2,50 |

Technical data

Common values

| | |
|--------------------------|----------------------|
| Connector Design | Male socket |
| Connector locking system | Screw |
| Termination | solder |
| Wire gauge (mm) | 0,25 mm ² |
| Wire gauge (AWG) | 24 |
| Upper temperature | +85 °C |
| Lower temperature | -40 °C |

Material

| | |
|--------------------------|--------------|
| Material of contact | CuZn (brass) |
| Contact plating | Au (gold) |
| Material of contact body | PA |

Cable data

Contacts 4: Male receptacle with sealing lips, solder, without sealing hole

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 250 V |
| Rated impulse voltage | 2500 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | II |
| Rated current (40°C) | 4 A |
| Volume resistivity | ≤ 3 mΩ |
| Degree of protection | IP 67 |
| Mechanical operation | >100 mating cycles |

