

Product
Area Female socket with wires 0,25 mm²
M12 connectors D-Coding

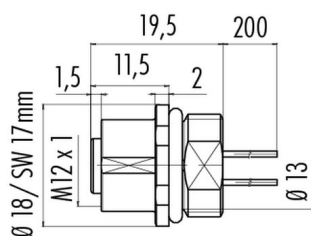
serie 825/876

Pole 4
Article number 09 3732 00 04

illustration



scale drawing



Ausführung mit Zink Druckgussgehäuse
Version with zinc diecasted housing

Technical data

Common values

| | |
|--------------------------|----------------------|
| Connector Design | Female socket |
| Connector locking system | Screw-locking |
| Termination | wires |
| Wire gauge (mm) | 0,25 mm ² |
| Wire gauge (AWG) | 24 |
| Max. Cable outlet | - |
| Upper temperature | +85 °C |
| Lower temperature | -25 °C |

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 250 V |
| Rated impulse voltage | 2500 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | II |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP 67 |
| Mechanical operation | >100 mating cycles |

Material

| | |
|--------------------------|--------------------------------|
| Material of contact | CuSn (bronze) |
| Contact plating | Au (gold) |
| Material of contact body | PA |
| Material of housing | zinc diecasting, nickel plated |

Cable data

| | |
|------------------------------|---|
| material housing | - |
| insulation single lead | - |
| single lead structure | - |
| conductor resistance | - |
| bending radius cable fixed | - |
| bending radius cable movable | - |

Fixing thread: PG 9, contacts: 4, female socket
with wires 0,25 mm²