

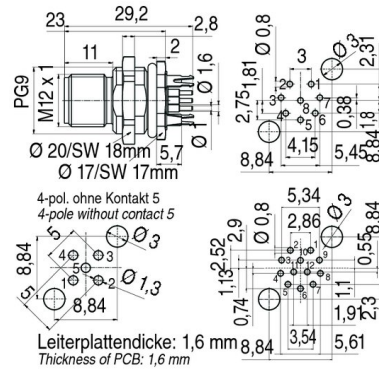
Product Male socket, front fastened, dip solder, M12 x 1
Area M12 connectors A-Coding serie 713/763

Pole 8
Article number 09 3481 500 08

illustration



scale drawing



Contact Arrangement



| | X | Y |
|---|-------|-------|
| 1 | 2,69 | 0,57 |
| 2 | 0,57 | 2,69 |
| 3 | -1,66 | 2,20 |
| 4 | -2,75 | 0,19 |
| 5 | -1,94 | -1,94 |
| 6 | 0,19 | -2,74 |
| 7 | 2,20 | -1,66 |
| 8 | 0,00 | 0,00 |

Technical data

Common values

| | |
|--------------------------|---------------|
| Connector Design | Male socket |
| Connector locking system | Screw-locking |
| Termination | dip solder |
| Upper temperature | +85 °C |
| Lower temperature | -25 °C |

Material

| | |
|--------------------------|----------------------------|
| Material of contact | CuZn (brass) |
| Contact plating | Au (gold) |
| Material of contact body | PA |
| Material of housing | CUZn (brass nickel plated) |

Electrical values

| | |
|-----------------------|--------------------|
| Rated voltage | 60 V |
| Rated impulse voltage | 800 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | II |
| Rated current (40°C) | 2 A |
| Volume resistivity | ≤ 3 mΩ |
| Degree of protection | IP 68 |
| Mechanical operation | >100 mating cycles |

Cable data

Contacts 8: Male socket, front fastened, dip solder, with shielding sheet, PG 9