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|---------|---|----------------|----------------------|
| Product | Contacts 4: Integrated plug for sensor pipe assembly, pipe 3.75-H7 | Area | M5 Series 707 |
| Pole | 4 | Article number | 09 3111 71 04 |

| Illustration | Scale drawing | Contact Arrangement | | | | | | | | | | | | | | | |
|--------------|---------------|--|--|---|---|---|-------|-------|---|------|-------|---|------|------|---|-------|------|
| | | <table border="1"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>-0,63</td> <td>-0,63</td> </tr> <tr> <td>2</td> <td>0,63</td> <td>-0,63</td> </tr> <tr> <td>3</td> <td>0,63</td> <td>0,63</td> </tr> <tr> <td>4</td> <td>-0,63</td> <td>0,63</td> </tr> </tbody> </table> <ul style="list-style-type: none"> 1 braun/brown 2 weiß/white 3 blau/blue 4 schwarz/black | | X | Y | 1 | -0,63 | -0,63 | 2 | 0,63 | -0,63 | 3 | 0,63 | 0,63 | 4 | -0,63 | 0,63 |
| | X | Y | | | | | | | | | | | | | | | |
| 1 | -0,63 | -0,63 | | | | | | | | | | | | | | | |
| 2 | 0,63 | -0,63 | | | | | | | | | | | | | | | |
| 3 | 0,63 | 0,63 | | | | | | | | | | | | | | | |
| 4 | -0,63 | 0,63 | | | | | | | | | | | | | | | |

Technical data

Common values

| | |
|--------------------------|---------------------------|
| Connector Design | Integrated male connector |
| Connector locking system | screw |
| Termination | Solder |
| Wire gauge (mm) | 0.14 mm ² |
| Wire gauge (AWG) | 26 |
| Cable outlet | - |
| Upper temperature | 80 °C |
| Lower temperature | -25 °C |

Cable data

| | |
|--|-----|
| material housing | - |
| Insulation single lead | - |
| Single lead structure | - |
| Temperature range cable movable c from | -5 |
| Temperature range cable movable c to | 80 |
| Temperature range cable fixed c from | -25 |
| Temperature range cable fixed c to | 80 |
| Bending radius cable fixed | - |
| Bending radius cable movable | - |

Electrical values

| | |
|-----------------------|---------------------|
| Rated voltage | 60 V |
| Rated impulse voltage | 800 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | I |
| Rated current (40°C) | 1 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP67 |
| Mechanical operation | > 100 mating cycles |

Material

| | |
|--------------------------|----------------------------|
| Material of contact | CuZn (Brass) |
| Contact plating | Au (Gold) |
| Material of contact body | PA |
| Material of housing | CuZn (Brass nickel-plated) |

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