

Product sheet

Miniature connector



| | | | |
|---------|---|----------------|----------------------------|
| Product | Contacts: 8 DIN, female cable connector, cable outlet 6 - 8 mm | Area | M16 IP67 Series 723 |
| Pole | 8 DIN | Article number | 09 0172 79 08 |

| Illustration | Scale drawing | Contact Arrangement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---------------|---|--|---|---|---|-------|------|---|------|------|---|------|------|---|-------|------|---|------|------|---|-------|-------|---|------|-------|---|------|-------|
| | | <table border="1" style="margin-left: auto; margin-right: auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>1</td><td>-3,50</td><td>0,00</td></tr> <tr><td>2</td><td>0,00</td><td>3,50</td></tr> <tr><td>3</td><td>3,50</td><td>0,00</td></tr> <tr><td>4</td><td>-2,47</td><td>2,47</td></tr> <tr><td>5</td><td>2,47</td><td>2,47</td></tr> <tr><td>6</td><td>-2,47</td><td>-2,47</td></tr> <tr><td>7</td><td>2,47</td><td>-2,47</td></tr> <tr><td>8</td><td>0,00</td><td>-0,70</td></tr> </tbody> </table> | | X | Y | 1 | -3,50 | 0,00 | 2 | 0,00 | 3,50 | 3 | 3,50 | 0,00 | 4 | -2,47 | 2,47 | 5 | 2,47 | 2,47 | 6 | -2,47 | -2,47 | 7 | 2,47 | -2,47 | 8 | 0,00 | -0,70 |
| | X | Y | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 1 | -3,50 | 0,00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 2 | 0,00 | 3,50 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 3 | 3,50 | 0,00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 4 | -2,47 | 2,47 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 5 | 2,47 | 2,47 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 6 | -2,47 | -2,47 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | 2,47 | -2,47 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 0,00 | -0,70 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

You can find the item description on the next page.

Technical data

Common values

| | |
|--------------------------|------------------------|
| Connector Design | Female cable connector |
| Connector locking system | screw |
| Termination | Solder |
| Wire gauge (mm) | 0.75 mm ² |
| Wire gauge (AWG) | 20 |
| Cable outlet | 6 - 8 mm |
| Upper temperature | 95 °C |
| Lower temperature | -40 °C |

Electrical values

| | |
|-----------------------|---------------------|
| Rated voltage | 60 V |
| Rated impulse voltage | 500 V |
| Pollution degree | 1 |
| Overvoltage category | I |
| Material group | III |
| Rated current (40°C) | 5 A |
| Volume resistivity | ≤ 3 mΩ |
| EMV compliance | not shielded |
| Degree of protection | IP67 |
| Mechanical operation | > 500 mating cycles |

Material

| | |
|--------------------------|-----------------|
| Material of contact | CuSn (Bronze) |
| Contact plating | Au (Gold) |
| Material of contact body | PBT (UL 94 V-0) |
| Material of housing | PA (UL 94 HB) |

Contacts: 8 DIN, female cable connector, cable outlet 6 - 8 mm, gold plated contacts

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