

Product **Polzahl: 8, Kabellänge 2 m, Kabel: 7 x 0,25 mm², PUR, Winkeldose umspritzt, Schirm auf Pol 8**
 Area **M12-A Series 763**
 Article number **77 3434 0000 50608-0200**

| Illustration | Scale drawing | Contact Arrangement | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|--------------|---------------|--|--|---|---|---|-------|------|---|-------|------|---|------|------|---|------|------|---|------|-------|---|-------|-------|---|-------|-------|---|------|------|
| | | <table border="1" style="margin: 10px auto;"> <thead> <tr> <th></th> <th>X</th> <th>Y</th> </tr> </thead> <tbody> <tr><td>1</td><td>-2,69</td><td>0,57</td></tr> <tr><td>2</td><td>-0,57</td><td>2,69</td></tr> <tr><td>3</td><td>1,66</td><td>2,20</td></tr> <tr><td>4</td><td>2,75</td><td>0,19</td></tr> <tr><td>5</td><td>1,94</td><td>-1,94</td></tr> <tr><td>6</td><td>-0,19</td><td>-2,75</td></tr> <tr><td>7</td><td>-2,20</td><td>-1,66</td></tr> <tr><td>8</td><td>0,00</td><td>0,00</td></tr> </tbody> </table> <p style="font-size: small;">Geschirmte Versionen: Schirm auf Gehäuse oder Pin 8 Shielded versions: shield on housing or pin 8</p> | | 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 | -2,75 | 7 | -2,20 | -1,66 | 8 | 0,00 | 0,00 |
| | 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 | -2,75 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 7 | -2,20 | -1,66 | | | | | | | | | | | | | | | | | | | | | | | | | | | |
| 8 | 0,00 | 0,00 | | | | | | | | | | | | | | | | | | | | | | | | | | | |

| Technical data | | |
|---|-------------------------|--|
| General features | | |
| Connector locking system | bolted | |
| Termination | crimp, moulded on cable | |
| Wire gauge (mm) | 0,25 mm ² | |
| Wire gauge (AWG) | (24) | |
| Upper temperature | 90 °C | |
| Lower temperature | -25 °C | |
| Cable data | | |
| material housing | PUR | |
| Insulation single lead | PP | |
| Single lead structure | 32 x 0,1 | |
| Cable sheath Ø | 5,7 | |
| Conductor resistance | 79 Ω/Km | |
| Temperature range cable movable °C from | -25 | |
| Temperature range cable movable °C to | 90 | |
| Temperature range cable fixed °C from | -50 | |
| Temperature range cable fixed °C to | 80 | |
| Bending radius cable fixed | min. 5 x D | |
| Bending radius cable movable | min. 10 x D | |
| Approval 1 | UL listed | |
| Electrical parameters | | |
| Rated voltage | 30 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 | |
| EMV compliance | not shielded | |
| Degree of protection | IP69K | |
| Mechanical operation | > 100 Mating cycles | |
| Material | | |
| Material of contact | CuSn (Bronze) | |
| Contact plating | Au (gold) | |
| Material of contact body | PUR | |
| Material of housing | PUR | |