

Product **connecting cable, overmoulded, F&B, stainless steel,PVC grey**
 Area **M12-A Series 763 FOOD & BEVERAGE**
 Article number **77 3734 3727 20403-0200**

| Illustration | Scale drawing | Contact Arrangement | | | | | | | | |
|--------------|---------------|--|---|-------------|---|------------|---|-----------|---|---------------|
| | | <table style="margin-left: auto; margin-right: auto;"> <tr> <td>1</td> <td>braun/brown</td> </tr> <tr> <td>2</td> <td>weiß/white</td> </tr> <tr> <td>3</td> <td>blau/blue</td> </tr> <tr> <td>4</td> <td>schwarz/black</td> </tr> </table> | 1 | braun/brown | 2 | weiß/white | 3 | blau/blue | 4 | schwarz/black |
| 1 | braun/brown | | | | | | | | | |
| 2 | weiß/white | | | | | | | | | |
| 3 | blau/blue | | | | | | | | | |
| 4 | schwarz/black | | | | | | | | | |

Technical data

General features

| | |
|--------------------------|-----------------------------|
| Connector Design | Cable Connector |
| Connector locking system | screw |
| Termination | crimp, overmoulded on cable |
| Wire gauge (mm) | 0,34 |
| Wire gauge (AWG) | 22 |
| Upper temperature | 105 °C |
| Lower temperature | -40 °C |

Cable data

| | |
|---|----------------|
| material housing | PVC |
| Insulation single lead | PVC |
| Single lead structure | 32 x 0,1 |
| Cable sheath Ø | 4.5 |
| Conductor resistance | 57 Ω/Km (20°C) |
| Temperature range cable movable °C from | -5 |
| Temperature range cable movable °C to | 105 |
| Temperature range cable fixed °C from | -40 |
| Temperature range cable fixed °C to | 105 |
| Bending radius cable fixed | min. 5 x D |
| Bending radius cable movable | min. 10 x D |
| Approval 1 | UL listed |
| Approval 2 | Ecolab |

Electrical parameters

| | |
|-----------------------|---------------------|
| Rated voltage | 250 V |
| Rated impulse voltage | 2500 V |
| Pollution degree | 3 |
| Overvoltage category | II |
| Material group | II |
| Rated current (40°C) | 4 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 | PP |
| Material of housing | PP |