

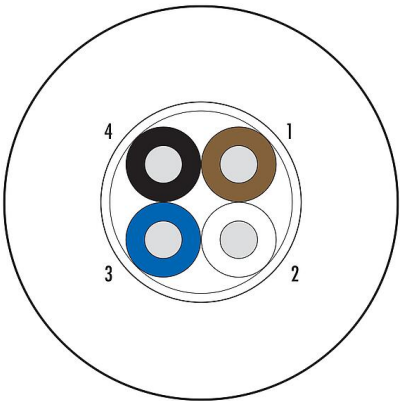
Product data sheet

Cable



|                     |                                                                                  |
|---------------------|----------------------------------------------------------------------------------|
| Product description | Contacts: 4 wires, shielded, Standard, PVC, grey (RAL 7000), 4 x 0.34 mm², 100 m |
| Area                | Shielded cable                                                                   |
| Part no.            | 08 3090 000 000                                                                  |

Illustration



Technical data

General features

|                       |                                                 |
|-----------------------|-------------------------------------------------|
| Part no.              | 08 3090 000 000                                 |
|                       | Alternative part no.: 52 0607 000               |
| Cable length          | 100 m (Other lengths are available on request.) |
| Version               | Raw cable                                       |
| Weight (g)            | 4618.00                                         |
| Customs tariff number | 85444995                                        |
| Country of Origin     | DE                                              |

Electrical parameters

|                |          |
|----------------|----------|
| EMC compliance | shielded |
|----------------|----------|

Material

|             |                           |
|-------------|---------------------------|
| REACH SVHC  | None (No pollutants)      |
| SCIP number | SCIP-number not available |

Classifications

|             |             |
|-------------|-------------|
| eCl@ss 11.1 | 27-44-01-90 |
| ETIM 9.0    | EC002638    |

Cable data - Structure of the cable

|                |          |
|----------------|----------|
| Cable type     | Standard |
| Cable diameter | 5.4 mm   |

# Product data sheet

## Cable



|                     |                                                                                         |
|---------------------|-----------------------------------------------------------------------------------------|
| Product description | <b>Contacts: 4 wires, shielded, Standard, PVC, grey (RAL 7000), 4 x 0.34 mm², 100 m</b> |
| Area                | <b>Shielded cable</b>                                                                   |
| Part no.            | <b>08 3090 000 000</b>                                                                  |

|                        |                                      |
|------------------------|--------------------------------------|
| Cross section          | 4 x 0.34 mm²                         |
| Sheath material        | PVC                                  |
| Single-lead insulation | PVC Y18 (105 °C) according to UL1731 |
| Single-lead structure  | 42 x 0.10 mm                         |
| Cable color            | grey (RAL 7000)                      |

### Cable data - Electrical properties

|                             |                    |
|-----------------------------|--------------------|
| Cable Insulation resistance | > 100 Ω/Km         |
| Operating voltage           | ≤ 300 V            |
| Cable test voltage          | ≥ 2500 V effective |
| Conductor resistance        | 57 Ω/Km (20°C)     |

### Cable data - Mechanical properties

|                              |                                     |
|------------------------------|-------------------------------------|
| Bending radius, fixed cable  | ≥ 5 x Ø                             |
| Bending radius, moving cable | ≥ 10 x Ø                            |
| Bending cycles               | > 2 million                         |
| Permitted acceleration       | max. 5 m/s² + 1 m/s²                |
| Travel distance, horizontal  | at 5 m/s² -> 5 m                    |
| Travel distance, vertical    | at 5 m/s² -> 2 m                    |
| Travel speed                 | at 5 m horizontal path -> 200 m/min |

### Cable data - Thermal properties

|                                         |                              |
|-----------------------------------------|------------------------------|
| Temperature range cable in move from/to | -5 °C / 105 °C (UL +105 °C)  |
| Temperature range cable fixed from/to   | -40 °C / 105 °C (UL +105 °C) |

### Cable data - Other features

|              |    |
|--------------|----|
| Halogen free | no |
|--------------|----|