

# IBS EINBC METER - Hybrid cable



2752107

<https://www.phoenixcontact.com/us/products/2752107>

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INTERBUS hybrid cable for the extended installation remote bus



## Commercial data

|                                      |                                |
|--------------------------------------|--------------------------------|
| Item number                          | 2752107                        |
| Packing unit                         | 1 m                            |
| Minimum order quantity               | 1 m                            |
| Note                                 | Made to order (non-returnable) |
| Sales key                            | BF11                           |
| Product key                          | AF1LEA                         |
| GTIN                                 | 4017918101831                  |
| Weight per piece (including packing) | 150 g                          |
| Weight per piece (excluding packing) | 150 g                          |
| Customs tariff number                | 85444993                       |
| Country of origin                    | DE                             |

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## Technical data

### Product properties

|              |                  |
|--------------|------------------|
| Product type | Remote bus cable |
|--------------|------------------|

### Electrical properties

|                     |        |
|---------------------|--------|
| Transmission medium | Copper |
|---------------------|--------|

### Cable/line

|   |   |
|---|---|
| Number of positions                           | 9   |
| Shielded                                      | yes   |
| Conductor structure signal line               | 32x 0.10 mm   |
| AWG signal line                               | 24  |
| Conductor structure, voltage supply           | 192x 0.10 mm  |
| AWG power supply                              | 16  |
| Conductor cross-section                       | 3x 2x 0.25 mm <sup>2</sup> (Data)<br>3x 1.5 mm <sup>2</sup> (Power)                             |
| External cable diameter                       | 10.20 mm ±0.3 mm  |
| Outer sheath, material                        | PUR   |
| External sheath, color                        | gray RAL 7001   |
| Conductor material                            | Tin-plated Cu litz wires  |
| Material wire insulation                      | PETP  |
| Twisted pairs                                 | 2 cores to the pair   |
| Type of pair shielding                        | Tinned copper braided shield, approximately 85% covering  |
| Overall twist                                 | 3 pairs and 3 wires to form the core  |
| Insulation resistance                         | ≥ 20 MΩ*km  |
| Nominal voltage, cable                        | 350 V (Data)<br>500 V (Power)   |
| Test voltage Core/Core                        | 2000 V  |
| Test voltage Core/Shield                      | 1000.00 V   |
| Minimum bending radius, fixed installation    | 6 x D   |
| Minimum bending radius, flexible installation | 10 x D  |
| Smallest bending radius, fixed installation   | 60 mm   |
| Smallest bending radius, movable installation | 100 mm  |
| Resistance to oil                             | according to VDE 0472 Part 803  |
| Special properties                            | resistant to coolants and lubricants  |
| Ambient temperature (operation)               | -50 °C ... 90 °C (cable, fixed installation)<br>-30 °C ... 80 °C (Cable, flexible installation) |

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## Approvals

To download certificates, visit the product detail page: <https://www.phoenixcontact.com/us/products/2752107>



**EAC-RoHS**

Approval ID: RU D-DE.HB35.B.00371

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## Classifications

### ECLASS

|             |          |
|-------------|----------|
| ECLASS-13.0 | 27061801 |
| ECLASS-15.0 | 27061801 |

### ETIM

|           |          |
|-----------|----------|
| ETIM 10.0 | EC003249 |
|-----------|----------|

### UNSPSC

|             |          |
|-------------|----------|
| UNSPSC 21.0 | 26121600 |
|-------------|----------|

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## Environmental product compliance

### EU RoHS

|   |                    |
|---|--------------------|
| Fulfills EU RoHS substance requirements | Yes, No exemptions |
|---|--------------------|

### China RoHS

|  |  |
|--|--|
| Environment friendly use period (EFUP) | EFUP-E                                   |
|  | No hazardous substances above the limits |

### EU REACH SVHC

|                                     |                            |
|-------------------------------------|----------------------------|
| REACH candidate substance (CAS No.) | No substance above 0.1 wt% |
|-------------------------------------|----------------------------|

### EF3.1 Climate Change

|         |               |
|---------|---------------|
| CO2e kg | 0.267 kg CO2e |
|---------|---------------|

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