

## RS-2YCY PiMF

### aplikace

Absolute disturbance-free data transfer for installed terminals in all areas of medicine and data technology. Also suitable for use in machine tool and steel producing industries, traffic signal systems, assembly lines and food processing. We recommend a large round contact of the copper braiding on both ends to optimise the EMC features. EMC (EMV) = Electromagnetic compatibility.

The materials used are free from silicon and cadmium and free from varnish damaging substances.

### norem

acc. to factory standard

### nastavení

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| <b>vnitřní vodič</b>             | fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5                |
| <b>izolace jádra</b>             | polyethylene compound (PE)                                                         |
| <b>Základní barevný kód</b>      | acc. to DIN 47100                                                                  |
| <b>Upínací prvek</b>             | cores stranded in pairs and pairs<br>stranded in layers with optimal lay-br>length |
| <b>stínění</b>                   | PiMF: pair in metal foil and copper drain-wire tinned, 100% coverage               |
| <b>Materiál vnitřního pláště</b> | core wrapping with plastic tapes                                                   |
| <b>Celkové stínění</b>           | overall copper screened braiding, 85% coverage                                     |
| <b>materiál vnějšího pláště</b>  | special PVC                                                                        |

### Application

Absolute disturbance-free data transfer for installed terminals in all areas of medicine and data technology. Also suitable for use in machine tool and steel producing industries, traffic signal systems, assembly lines and food processing. We recommend a large round contact of the copper braiding on both ends to optimise the EMC features. EMC (EMV) = Electromagnetic compatibility.

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### Standards

acc. to factory standard

### Construction

|                                  |                                                                                    |
|----------------------------------|------------------------------------------------------------------------------------|
| <b>Inner Conductor</b>           | fine-stranded bare copper acc. DIN VDE 0295 cl. 5 / IEC 60228 cl. 5                |
| <b>Core Insulation</b>           | polyethylene compound (PE)                                                         |
| <b>Core Color</b>                | acc. to DIN 47100                                                                  |
| <b>Stranding Elements</b>        | cores stranded in pairs and pairs<br>stranded in layers with optimal lay-br>length |
| <b>Shielding</b>                 | PiMF: pair in metal foil and copper drain-wire tinned, 100% coverage               |
| <b>Inner Sheath Material</b>     | core wrapping with plastic tapes                                                   |
| <b>Overall Shielding</b>         | overall copper screened braiding, 85% coverage                                     |
| <b>Outer Insulation Material</b> | special PVC                                                                        |

**Technické údaje**

|                                   |                         |
|-----------------------------------|-------------------------|
| <b>jmenovité napětí</b>           | U <sub>0</sub> /U: 0 /0 |
| <b>Jmenovité napětí DC DC</b>     | U <sub>0</sub> /U: 0 /0 |
| <b>Pevný poloměr ohybu (xD)</b>   | 0                       |
| <b>Pevná provozní teplota</b>     | -5 °C bis 70 °C         |
| <b>Provozní teplota pohyblivá</b> | 0 °C bis 0 °C           |

**Technical Data**

|                                     |                         |
|-------------------------------------|-------------------------|
| <b>Nominal Voltage</b>              | U <sub>0</sub> /U: 0 /0 |
| <b>Nominal Volatage DC</b>          | U <sub>0</sub> /U: 0 /0 |
| <b>Bending Radius fixed (xD)</b>    | 0                       |
| <b>Operating Temperature solid</b>  | -5 °C to 70 °C          |
| <b>Operating Temperature moving</b> | 0 °C to 0 °C            |

| Art. č.<br>Prod. Nr. | dimenze<br>Dimensions | malovat<br>Color | hmotnost (kg/km)<br>Weight (kg/km) approx. | Vnější průměr (mm)<br>Outer-Diameter (mm) approx. |
|----------------------|-----------------------|------------------|--------------------------------------------|---------------------------------------------------|
| 03201034             | 2x2 x 1               |                  | 130.0                                      | 11.9                                              |