

## PPv4 2.0 Power 48V/12A 4G1,5qmm PUR 4.5m



Image is for illustration purposes only. Please refer to product description.

|                    |                                                                                     |
|--------------------|-------------------------------------------------------------------------------------|
| Part number        | 33 59 222 0450 002                                                                  |
| Specification      | PPv4 2.0 Power 48V/12A 4G1,5qmm PUR 4.5m                                            |
| HARTING eCatalogue | <a href="https://harting.com/33592220450002">https://harting.com/33592220450002</a> |

### Identification

|                          |                                        |
|--------------------------|----------------------------------------|
| Category                 | System cabling                         |
| Series                   | HARTING PushPull (V4)                  |
| Element                  | Cable assemblies                       |
| Specification            | Pre-assembled on both sides            |
| Connector 1              | HARTING PushPull (V4)<br>Power 4 poles |
| Connector 2              | HARTING PushPull (V4)<br>Power 4 poles |
| Type of cable            | Copper cable (round)                   |
| Description of the cable | Wiring 1:1                             |

### Version

|                    |                        |
|--------------------|------------------------|
| Cable length       | 4.5 m                  |
| Number of cores    | 4                      |
| Core structure     | 4G 1.5 mm <sup>2</sup> |
| Termination method | Crimp termination      |
| Shielding          | Unshielded             |
| Number of contacts | 4                      |
| Locking type       | PushPull               |

### Technical characteristics

|                         |                     |
|-------------------------|---------------------|
| Conductor cross-section | 1.5 mm <sup>2</sup> |
| Rated current           | 12 A                |
| Rated voltage           | 48 V                |



**Pushing Performance**  
Since 1945

## Technical characteristics

|                                        |                                                                                                                                |
|----------------------------------------|--------------------------------------------------------------------------------------------------------------------------------|
| Limiting temperature                   | -40 ... +70 °C                                                                                                                 |
| Degree of protection acc. to IEC 60529 | IP65                                                                                                                           |
| Vibration resistance                   | 10-500 Hz, 5 g, 0.35 mm, 2h/axis<br>5.72 m/s <sup>2</sup> acc. to IEC 61373 Category 1 Class B                                 |
| Shock resistance                       | 25 g / 11 ms, 3 shocks / axis and direction<br>5 g / 30 ms, 5 shocks / axis and direction acc. to IEC 61373 Category 1 Class B |

## Material properties

|                                      |                                                        |
|--------------------------------------|--------------------------------------------------------|
| Material (cable)                     | PUR (polyurethane)                                     |
| Colour (cable)                       | Grey                                                   |
| RoHS                                 | compliant with exemption                               |
| RoHS exemptions                      | 6(c): Copper alloy containing up to 4 % lead by weight |
| ELV status                           | compliant with exemption                               |
| China RoHS                           | 50                                                     |
| REACH Annex XVII substances          | Not contained                                          |
| REACH ANNEX XIV substances           | Not contained                                          |
| REACH SVHC substances                | Yes                                                    |
| REACH SVHC substances                | Lead                                                   |
| ECHA SCIP number                     | f8cff76a-cfcd-483f-bd6f-e74c7e7419d1                   |
| California Proposition 65 substances | Yes                                                    |
| California Proposition 65 substances | Lead                                                   |

## Specifications and approvals

|                |                                |
|----------------|--------------------------------|
| Specifications | IEC 61076-3-106 Variant 4 (V4) |
|----------------|--------------------------------|

## Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Country of origin              | Latvia                                       |
| European customs tariff number | 85444290                                     |
| GTIN                           | 5713140246539                                |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |
| ETIM                           | EC002599                                     |
| UNSPSC 24.0                    | 26121600                                     |