

## M12 X-cod st/st m/m PUR Trail 1m



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

|                    |                                                                                             |
|--------------------|---------------------------------------------------------------------------------------------|
| Part number        | 21 33 050 5862 010                                                                          |
| Specification      | M12 X-cod st/st m/m PUR Trail 1m                                                            |
| HARTING eCatalogue | <a href="https://b2b.harting.com/21330505862010">https://b2b.harting.com/21330505862010</a> |

### Identification

|               |                             |
|---------------|-----------------------------|
| Category      | System cabling              |
| Series        | Circular connectors M12     |
| Element       | Cable assemblies            |
| Specification | Pre-assembled on both sides |
| Connector 1   | M12 X-coding                |
|               | Male Straight               |
|               | Press&Go                    |
| Connector 2   | M12 X-coding                |
|               | Male Straight               |
|               | Press&Go                    |
| Type of cable | Copper cable (round)        |

### Version

|                 |                |
|-----------------|----------------|
| Cable length    | 1 m            |
| Shielding       | Shielded       |
| Number of cores | 8              |
| Core structure  | 4x 2x AWG 26/7 |
| Coding          | X-coding       |

### Technical characteristics

|                        |                                       |
|------------------------|---------------------------------------|
| Limiting temperature   | -40 ... +70 °C moved                  |
|                        | -40 ... +70 °C unmoved                |
| Cable diameter         | 6.8 mm ± 0.3 mm                       |
| Minimum bending radius | 10x Cable diameter (repeated bending) |
|                        | 5x Cable diameter (singular bending)  |



Pushing Performance

## Technical characteristics

|                              |                                                                                                                                        |
|------------------------------|----------------------------------------------------------------------------------------------------------------------------------------|
| Drag chain compatible        | Yes                                                                                                                                    |
| Bending cycles               | $\geq 5.000.000$ @ 15x Cable diameter & traversing distance $\leq 1$ m & speed $\leq 0.3$ m/s & acceleration $\leq 6$ m/s <sup>2</sup> |
| Transmission characteristics | Cat. 6 <sub>A</sub> Class E <sub>A</sub> up to 500 MHz                                                                                 |
| Data rate                    | 10 Mbit/s                                                                                                                              |
|                              | 100 Mbit/s                                                                                                                             |
|                              | 1 Gbit/s                                                                                                                               |
|                              | 2.5 Gbit/s                                                                                                                             |
|                              | 5 Gbit/s                                                                                                                               |
|                              | 10 Gbit/s                                                                                                                              |

## Material properties

|                  |                    |
|------------------|--------------------|
| Material (cable) | PUR (polyurethane) |
| Colour (cable)   | Black              |

## Commercial data

|                                |                                              |
|--------------------------------|----------------------------------------------|
| Packaging size                 | 1                                            |
| Country of origin              | Romania                                      |
| European customs tariff number | 85444290                                     |
| eCl@ss                         | 27060390 Ready-made data cable (unspecified) |