

# Delock M12 Cable X-coded 8 pin male to female PUR (TPU) 1 m

## Description

This industrial Ethernet cable by Delock can be used to connect various components with M12 connectors, e.g. for machine control or automation.

## Drag chain suitability

The high-quality processed cable supports up to 10 million bending cycles, therefore it is also suitable for use in drag chains and other harsh environments.

## Sturdy cable sheath made of PUR (TPU)

The cable sheath made of polyurethane (PUR) is oil and UV resistant, so the cable also meets the high requirements for industrial applications, e.g. in the tool and automation sector.



**Item no. 80431**

EAN: 4043619804313

Country of origin: China

Package: Zip poly bag

## Specification

- Connectors:
  - 1 x M12 male X-coded 8 pin
  - 1 x M12 female X-coded 8 pin
- Suitable for drag chains
- SF/UTP
- Shielding: aluminium foil, tinned copper braiding
- Copper conductor
- Cable gauge: 26 AWG (0.129 mm<sup>2</sup>)
- Cable diameter: ca. 6.8 mm
- Cable jacket material: PUR (TPU)
- Max. number of bending cycles: 10,000,000
- Smallest bending radius:
  - 54.4 mm with fixed installation
  - 102.0 mm with flexible installation
- Oil-resistant
- UV-resistant
- Flammability class: UL 94

- Operating temperature:
  - 25 °C ~ 80 °C with fixed installation
  - 25 °C ~ 70 °C with flexible installation
- Protection class: IP67
- Colour: green
- Length incl. connectors: ca. 1 m

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## Package content

- M12 cable

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## Images



## General

|                      |                          |
|----------------------|--------------------------|
| Protection category: | IP67                     |
| Style:               | Suitable for drag chains |

## Interface

|              |                              |
|--------------|------------------------------|
| Connector 1: | 1 x M12 male X-coded 8 pin   |
| Connector 2: | 1 x M12 female X-coded 8 pin |

## Technical characteristics

|                        |                |
|------------------------|----------------|
| Operating temperature: | -25 °C ~ 80 °C |
|------------------------|----------------|

## Physical characteristics

|                          |           |
|--------------------------|-----------|
| Conductor material:      | copper    |
| Conductor gauge:         | 26 AWG    |
| Shielding:               | SF/UTP    |
| Length:                  | 1 m       |
| Smallest bending radius: | 54.4 mm   |
| Colour:                  | green     |
| Cable jacket material:   | PUR (TPU) |
| Safety of Flammability:  | UL 94     |