



## Verbindungsleitung (Dose-Dose)

**SICK**  
Sensor Intelligence.



Ordering information

| Type                           | Part no. |
|--------------------------------|----------|
| Verbindungsleitung (Dose-Dose) | 2071072  |

Other models and accessories → [www.sick.com/](http://www.sick.com/)

Detailed technical data

Technical specifications

|                        |                                                                                                                                                                                                            |
|------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Accessory group        | Plug connectors and cables                                                                                                                                                                                 |
| Accessory family       | Other connectors and cables                                                                                                                                                                                |
| Connection type head A | Female connector, Micro D-Sub, 15-pin, angled                                                                                                                                                              |
| Connection type head B | Female connector, M12, 8-pin, straight                                                                                                                                                                     |
| Cable                  | 0.85 m                                                                                                                                                                                                     |
| Shielding              | Shielded                                                                                                                                                                                                   |
| Note                   | The connection cable is designed for the use of sine-cosine encoders. If other encoders are used, other protective measures must be taken in the event of cable breakage or a male connector coming loose. |
| Description            | Connecting cable for 2 encoders For connecting the Drive Monitor FX3-MOC to two sine-cosine encoders or other encoders                                                                                     |

Classifications

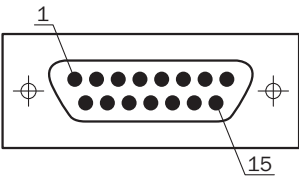
|                |          |
|----------------|----------|
| ECl@ss 5.0     | 19030312 |
| ECl@ss 5.1.4   | 19030312 |
| ECl@ss 6.0     | 27060304 |
| ECl@ss 6.2     | 27060304 |
| ECl@ss 7.0     | 27060304 |
| ECl@ss 8.0     | 27060304 |
| ECl@ss 8.1     | 27060304 |
| ECl@ss 9.0     | 27060304 |
| ECl@ss 10.0    | 27060304 |
| ECl@ss 11.0    | 27060304 |
| ETIM 5.0       | EC000830 |
| ETIM 6.0       | EC000830 |
| ETIM 7.0       | EC003249 |
| UNSPSC 16.0901 | 26121604 |

PIN assignment



| Pin | Signal   | Color-coded connecting cable |
|-----|----------|------------------------------|
| 1   | ENC1_B-  | White                        |
| 2   | ENC1_B+  | Brown                        |
| 3   | ENC1_A-  | Green                        |
| 4   | ENC1_A+  | Yellow                       |
| 5   | ENC1_C-  | Gray                         |
| 6   | ENC1_C+  | Pink                         |
| 7   | ENC_OV   | Blue                         |
| 8   | ENC1_24V | Red                          |

| Pin | Signal   | Color-coded connecting cable |
|-----|----------|------------------------------|
| 1   | ENC2_B-  | White                        |
| 2   | ENC2_B+  | Brown                        |
| 3   | ENC2_A-  | Green                        |
| 4   | ENC2_A+  | Yellow                       |
| 5   | ENC2_C-  | Gray                         |
| 6   | ENC2_C+  | Pink                         |
| 7   | ENC_OV   | Blue                         |
| 8   | ENC2_24V | Red                          |



| PIN | Signal   | Color-coded connecting cable |
|-----|----------|------------------------------|
| 1   | ENC1_A+  | White                        |
| 2   | ENC1_B+  | Green                        |
| 3   | ENC1_C+  | Gray                         |
| 4   | ENC1_24V | Blue                         |
| 5   | ENC2_24V | Red                          |
| 6   | ENC2_C+  | White-green                  |
| 7   | ENC2_B+  | Gray-pink                    |
| 8   | ENC2_A+  | Black                        |
| 9   | ENC1_A-  | Brown                        |
| 10  | ENC1_B-  | Yellow                       |
| 11  | ENC1_C-  | Pink                         |
| 12  | ENC_OV   | White-yellow                 |
| 13  | ENC2_C-  | Brown-green                  |
| 14  | ENC2_B-  | Red-blue                     |
| 15  | ENC2_A-  | Violet                       |

## SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

**For us, that is “Sensor Intelligence.”**

## WORLDWIDE PRESENCE:

Contacts and other locations –[www.sick.com](http://www.sick.com)