

## Connection cable

Other connectors and cables

**CONNECTORS AND CABLES**

**SICK**  
Sensor Intelligence.



## Ordering information

Type	part no.
Connection cable	2077262

Other models and accessories → [www.sick.com/Other\\_connectors\\_and\\_cables](http://www.sick.com/Other_connectors_and_cables)



## Detailed technical data

## Technical specifications

<b>Connection type head A</b>	Male connector, Micro D-Sub, 15-pin, straight
<b>Connection type head B</b>	Male connector, D-Sub-HD, 15-pin, angled
<b>Cable</b>	10 m
<b>Shielding</b>	Shielded
<b>Note</b>	For connecting the Motion Control Module FX3-MOC with a motor feedback splitter box or a dual encoder connector box

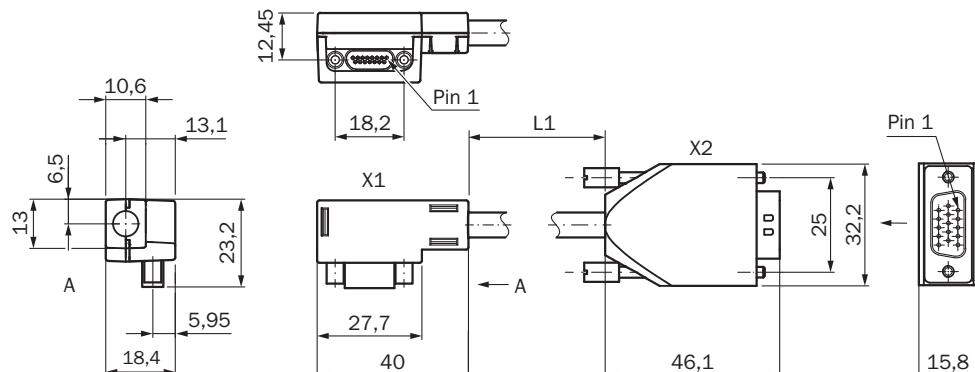
## Classifications

<b>ECLASS 5.0</b>	19030312
<b>ECLASS 5.1.4</b>	19030312
<b>ECLASS 6.0</b>	27060304
<b>ECLASS 6.2</b>	27060304
<b>ECLASS 7.0</b>	27060304
<b>ECLASS 8.0</b>	27060304
<b>ECLASS 8.1</b>	27060304
<b>ECLASS 9.0</b>	27060304
<b>ECLASS 10.0</b>	27060304
<b>ECLASS 11.0</b>	27060304
<b>ECLASS 12.0</b>	27060304
<b>ETIM 5.0</b>	EC000830
<b>ETIM 6.0</b>	EC000830
<b>ETIM 7.0</b>	EC003249
<b>ETIM 8.0</b>	EC003249
<b>UNSPSC 16.0901</b>	26121604

## Certificates

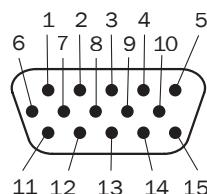
<b>EU declaration of conformity</b>	✓
<b>UK declaration of conformity</b>	✓

## Dimensional drawing



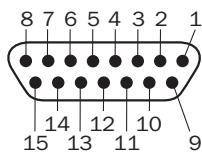
Dimensions in mm (inch)

## PIN assignment



Male connector, Micro D-Sub, 15-pin		Male connector, D-Sub, 15-pin	
FX3-MOC		FX3-EBX connection unit	
Pin	Designation	Pin	
1	ENC1_A+	1	
2	ENC1_B+	6	
3	ENC1_C+	11	
4	ENC1_24V	3	
5	ENC2_24V	13	
6	ENC2_C+	14	
7	ENC2_B+	9	
8	ENC2_A+	4	
9	ENC1_A-	2	
10	ENC1_B-	7	
11	ENC1_C-	12	
12	ENC_OV	8	
13	ENC2_C-	15	
14	ENC2_B-	10	
15	ENC2_A-	5	

## PIN assignment



Male connector, Micro D-Sub, 15-pin		Male connector, D-Sub, 15-pin
FX3-MOC		FX3-EBX connection unit
Pin	Designation	Pin
1	ENC1_A+	1
2	ENC1_B+	6
3	ENC1_C+	11
4	ENC1_24V	3
5	ENC2_24V	13
6	ENC2_C+	14
7	ENC2_B+	9
8	ENC2_A+	4
9	ENC1_A-	2
10	ENC1_B-	7
11	ENC1_C-	12
12	ENC_OV	8
13	ENC2_C-	15
14	ENC2_B-	10
15	ENC2_A-	5

## 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)