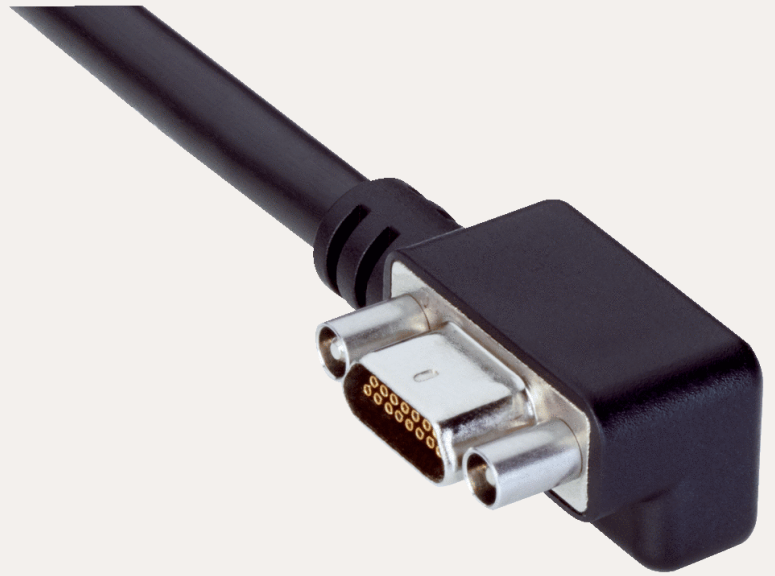




DATA SHEET

Connecting cable

Other connectors and cables
Connectors and cables

SICK Sensor Intelligence



CONNECTORS AND CABLES

Connecting cable

ORDERING INFORMATION

Type	part no.
Connecting cable	2077263

Further device versions and accessories at www.sick.com/Other_connectors_and_cables



DETAILED TECHNICAL DATA

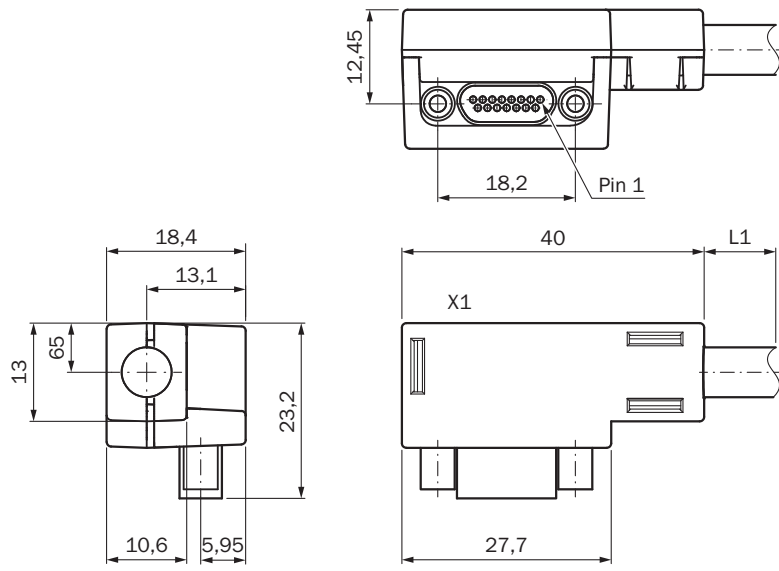
TECHNICAL SPECIFICATIONS

Connection type head A	Male connector, Micro D-Sub, 15-pin, angled
Connection type head B	Flying leads
Connection type	Flying leads
Cable	2 m
Shielding	Shielded
Note	For direct encoder connection

CERTIFICATES

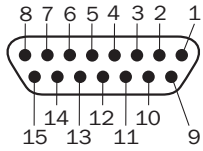
EU declaration of conformity	✓
UK declaration of conformity	✓

DIMENSIONAL DRAWING



Dimensions in mm (inch)

PIN ASSIGNMENT



Head A				Head B					
Male connector, Mi- cro D-Sub, 15-pin		Flying leads, 15-wire							
Head A for connec- tion to FX3-MOC		Head B for direct encoder connection (2 encoders)		Sin/cos encoder		A/B incremental encoder		SSI encoder	
Pin	Designation	Wire color	Encoder no.	Sin/Cos	HIPERFACE®	2 output pairs (HTL 24 V, HTL 12 V, TTL)	2 outputs (HTL 24 V, HTL 12 V, TTL)	2 output pairs (RS-422)	SSI
1	ENC1_A+	White	E1	Cos+	Cos	A+	A	A+	Data+
2	ENC1_B+	Green	E1	Sin+	Sin	B+	B	-	-
3	ENC1_C+	Gray	E1	-	-	-	-	B+	Clock+
4	ENC1_24V	Blue	E1	24 V supply voltage					
5	ENC2_24V	Red	E2	24 V supply voltage					
6	ENC2_C+	White-green	E2	-	-	-	-	-	Clock+
7	ENC2_B+	Gray-pink	E2	Sin+	Sin	B+	B	-	-
8	ENC2_A+	Black	E2	Cos+	Cos	A+	A	-	Data+
9	ENC1_A-	Brown	E1	Cos-	Cos_Ref	A-	GND	A-	Data-
10	ENC1_B-	Yellow	E1	Sin-	Sin_Ref	B-	GND	-	-
11	ENC1_C-	Pink	E1	-	-	-	-	B-	Clock-
12	ENC_OV	White-yellow	E1 and E2	GND supply voltage					
13	ENC2_C-	Brown-green	E2	-	-	-	-	-	Clock-
14	ENC2_B-	Red-blue	E2	Sin-	Sin_Ref	B-	GND	-	-
15	ENC2_A-	Violet	E2	Cos-	Cos_Ref	A-	GND	-	Data-

Further information as well as suitable accessories, example applications and downloads such as CAD dimensional models, operating instructions and software can be found at www.sick.com/2077263



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SICK AT A GLANCE

SICK is a leading global technology company for intelligent sensors and integrated solutions in industrial automation. Our technologies set benchmarks, making your industrial processes more efficient, safer and more sustainable – both in logistics and manufacturing operations.

SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnerships with our customers are more than just a promise: Together, we optimize productivity, improve quality, protect health and safety, and help build a sustainable future. All with empathy and trust.

Since 1946, we have been developing innovative technologies with passion and a pioneering spirit. With a global network in around 40 countries, SICK has a global presence and is always close by. The company's headquarters are located in Waldkirch near Freiburg, Germany. Our customers benefit from our understanding of both local and global requirements, which enables us to deliver tailor-made solutions

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