



Connection cable

Other connectors and cables

CONNECTORS AND CABLES

SICK
Sensor Intelligence.



Ordering information

Type	part no.
Connection cable	2067801

Other models and accessories → www.sick.com/Other_connectors_and_cables



Detailed technical data

Technical specifications

Connection type head A	Male connector, D-Sub-HD, 15-pin, straight
Connection type head B	Male connector, D-Sub, 9-pin, straight
Cable	10 m
Shielding	Shielded
Note	To connect two motor feedback splitter boxes

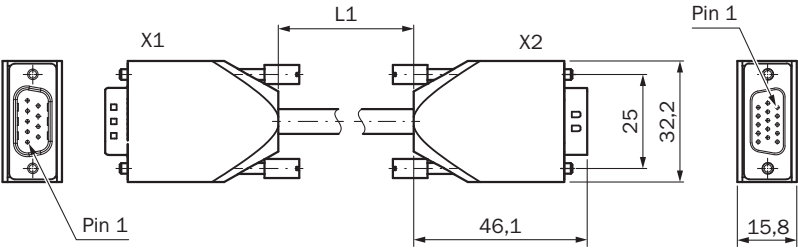
Certificates

EU declaration of conformity	✓
UK declaration of conformity	✓

Classifications

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

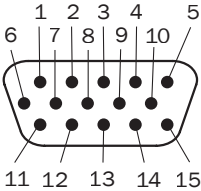
Dimensional drawing



Dimensions in mm (inch)

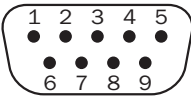
Part number	L1 [mm]	L1 [inch]
2067800	300 +25	11.81 +0.98
2067801	2000 +100	78.74 +3.94
2078260	10000 +500	393.70 +19.69

PIN assignment



Male connector, D-Sub, 9-pin		Male connector, D-Sub, 15-pin	
FX3-EBX3 connection unit		FX3-EBX3 or FX3-EBX4 connection unit	
Pin	Designation	Pin	Designation
1	ENC_A+	1	ENC_A+
2	ENC_B+	6	ENC_B+
3	ENC_C+	11	ENC_C+
4	Reserved	3	Reserved
5	ENC_24V	13	ENC_24V
6	ENC_A-	2	ENC_A-
7	ENC_B-	7	ENC_B-
8	ENC_C-	12	ENC_C-
9	ENC_OV	8	ENC_OV

PIN assignment



Male connector, D-Sub, 9-pin		Male connector, D-Sub, 15-pin	
FX3-EBX3 connection unit		FX3-EBX3 or FX3-EBX4 connection unit	
Pin	Designation	Pin	Designation

Male connector, D-Sub, 9-pin		Male connector, D-Sub, 15-pin	
1	ENC_A+	1	ENC_A+
2	ENC_B+	6	ENC_B+
3	ENC_C+	11	ENC_C+
4	Reserved	3	Reserved
5	ENC_24V	13	ENC_24V
6	ENC_A-	2	ENC_A-
7	ENC_B-	7	ENC_B-
8	ENC_C-	12	ENC_C-
9	ENC_0V	8	ENC_0V

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