CBMT002 | DATASHEET

OPTO ENGINEERING

15 wires cable, DB15HD Male to DB15HD Female connector, 2 m



Opto Engineering® provides various kinds of cables to match our offer of illuminators, optics, cameras and accessories.
All the cables we offer meet industrial standards of robustness and durability.

SPECIFICATIONS

Electrical specifications

Type		Control
Number of poles		15
Conductor cross section	(AWG)	24
Cable diameter	(mm)	6.9
Cable length	(m)	2
Cable insultation material		PVC
Shield		Yes
Bending cycles	(cycles)	-
Minimum bending radius	(mm)	70
Side 1		DB15HD male connector
Side 2		DB15HD female connector
Other		-
Voltage rating	(VDC)	24
Current rating	(A)	1.33

Environment

IP rating		IP20
Operating temperature	(°C)	0-50

COMPATIBLE PRODUCTS

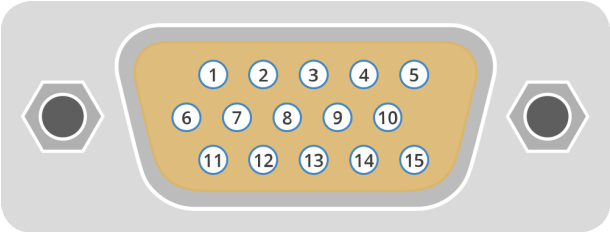
Full list of compatible products available *here*.



A wide selection of innovative machine vision components.

All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only. Data are reported by design, actual lens performance may vary due to manufacturing tolerances.

CONNECTOR PINOUT



Pin	Name	Description
1	5V	5V encoder power supply
2	GND	0V encoder reference ground
3	ENC_A+	Encoder quadrature signal – A +
4	ENC_B+	Encoder quadrature signal – B +
5	ENC_Z+	Encoder quadrature signal – Z +
6	MOT_A+	Motor – Phase A +
7	MOT_B+	Motor – Phase B +
8	ENC_A-	Encoder quadrature signal – A -
9	ENC_B-	Encoder quadrature signal – B -
10	ENC_Z-	Encoder quadrature signal – Z -
11	MOT_A-	Motor – Phase A -
12	MOT_B-	Motor – Phase B -
13	N.C.	-
14	N.C.	-
15	N.C.	-

All product specifications and data are subject to change without notice to improve reliability, functionality, design or other. Photos and pictures are for illustration purposes only. Data are reported by design, actual lens performance may vary due to manufacturing tolerances.