

# CBMT002 | DATASHEET

## 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 and I/O	
Number of poles		15
Conductor cross section	(AWG)	24
Cable diameter	(mm)	6.9
Cable length	(m)	2
Cable insulation material		PVC
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

Operating temperature	(°C)	0-50
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### COMPATIBLE PRODUCTS

This products is compatible with:

- MTDVxCH-22Ax
- TCZRS series

### COMPATIBLE PRODUCTS

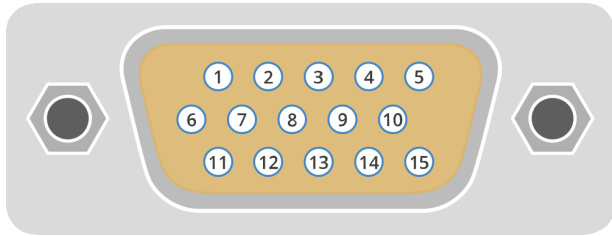
Full list of compatible products available [here](#).



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.	-

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