

# Feedback Product Data Sheet



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## Extension Cable. XC-C8-...G-TB



- Extension cable for absolute linear or angular encoders connected to Toshiba Machines.
- Extension cable XC-C8-G-TB connects:
  - encoder cables EC-...C9
  - angular encoder H2AD...D87...C9D
  - absolute linear exposed L2AD ... C9D
  - absolute angular rings UTD ... C9Dto the drives in Toshiba Machines.
- Twisted pairs for differential signals.
- Available in 5, 10, 15, 20 & 25 meter lengths.
- Low power attenuation and supply voltage sense link.
- Dual shield for increased noise protection.

### Pin Out

Pin Input	Colour	Signal	Pin Output
1	Blue	+5 V sense	12
4	Red	0 V sense	10
7	Brown	+5 V	4
8	Green	CLOCK	8
9	Yellow	/CLOCK	15
10	White	0 V	2
14	Grey	DATA	5
17	Pink	/DATA	13
11	Internal Shield	Ground	6 & Housing
Housing	Shield	Ground	6 & Housing

### Pin Layout



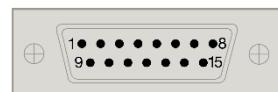
Front view

### Cable Diagram



L = 5, 10, 15, 20, 25 meters

### Pin Layout



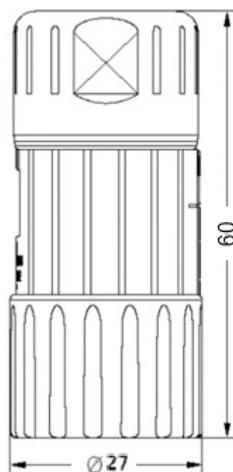
Front view

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## Lead-in Connector



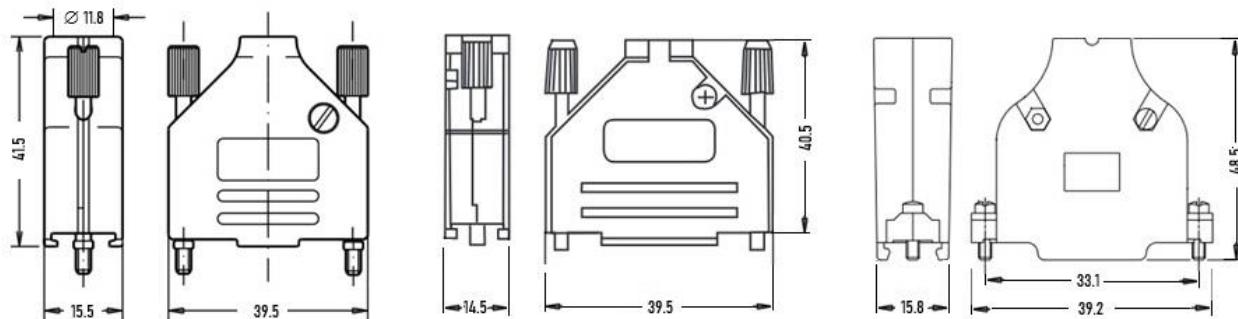
## Cable Specification

<b>Construction</b>	3 x (2 x 0.14) mm <sup>2</sup> + 2 x 1.0 mm <sup>2</sup>
<b>Material</b>	Polyurethane
<b>Ø</b>	8 mm
<b>Bend radius dynamic</b>	≥ 80 mm
<b>Bend radius static</b>	≥ 50 mm
<b>Shield</b>	Dual
<b>Lead-in connector (encoder side)</b>	M23 17-pin female, external female, contact arrangement direction P
<b>Terminating connector</b>	D-Sub 15 pole male

## Terminating Connector

Housing dimensions slightly differ for manufacturers

## Terminating Connector



## Order Information

XC-C8-(x)G-TB      Where (x) = 5, 10, 15, 20 or 25 meters.

## Example

Order Code	Description
XC-C8-10G-TB	Extension cable of 10 meters, specifications as above, lead-in connector M23 17-pin female, external female, contact arrangement direction P. Terminating connector D-Sub 15 pole male for Toshiba Machines.