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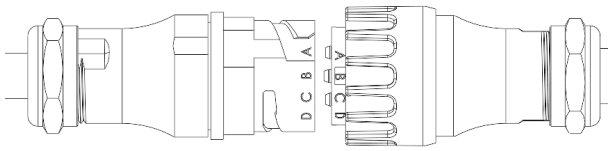
Gen 7 Cables

Generation 7

Technical Data Sheet

Updated October 2026

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Robot cable specification

Description

The g-Series robot cable connects the g-Series robot arm to the CB7 Control Box and provides power, control, and high-speed communication. It includes an integrated Ethernet connection and Harting connectors, and supports cable lengths up to 12 m. Available in standard or drag chain variants.

Robot Cable

Description

Standard lengths	6 m, 12 m
Outer material	PU, PUR, or TPU
Diameter (standard cable)	13.8 ± 0.8 mm
Diameter (chain cable)	16.5 ± 0.4 mm
Connector type	Harting ICC20 series
Robot arm cable end connector	Harting Receptacle
Control box cable end connector	Harting Plug
Ethernet	100/1000 Mbps
Mating cycles	500

Compatibility

Robot arms	g-Series
Controller	CB7 Core CB7 Core Compact CB7 Core Compact 0.55m

Teach Pendant Cable

Description

Teach Pendant port	ethTP (Ethernet)
Connection	TP7 to CB7 via dedicated Teach Pendant port

Compatibility

Teach Pendant	TP7
Controller	CB7 Core CB7 Core Compact CB7 Core Compact 0.55m

Contact

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UR email	sales@universal-robots.com
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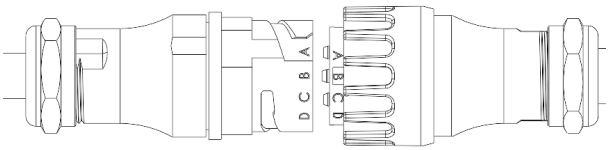
Gen 7 Cables

Generation 7 · g-Series 01

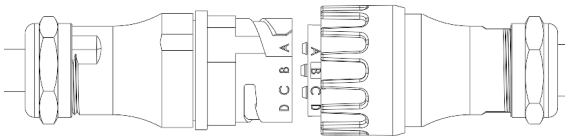
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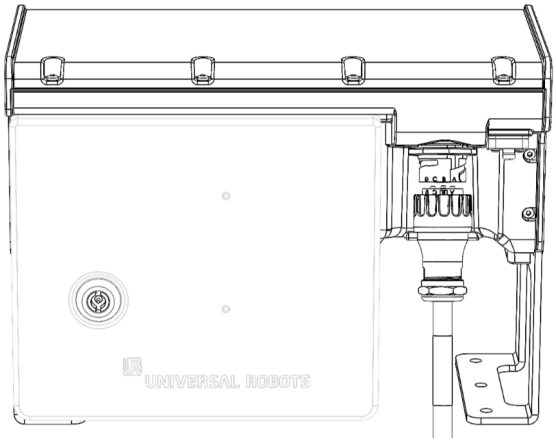
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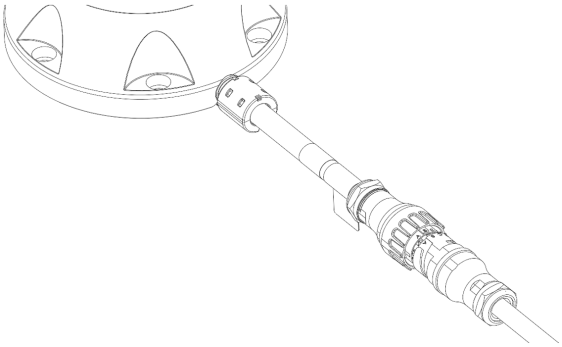
Harting connector alignment



Robot cable connection to Control Box



Robot cable at base flange



UNLESS OTHERWISE SPECIFIED: Dimensions are in millimeters.
October 2026

Contact

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