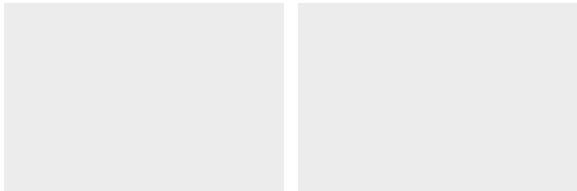




# ABB IRB 8700



## Product information

Our tailor-made empty pipe packages offer the ideal solution for your robot.  
Your advantages at a glance:  
Individual adjustment: The corrugated tube can be shortened if necessary to ensure a perfect fit.  
Fast delivery time: Benefit from a fast delivery time for your complete solutions.  
Easy installation: Quick and easy assembly saves valuable time.  
Flexible strain relief: Our hose packages contain two adjustable cable star blanks for optimal strain relief and termination. If required, we offer water jet machining.  
Longevity: Robust materials ensure a long service life and less maintenance.  
Optimal protection: Protect your cables from wear and external influences. Our products ensure worry-free operation.  
Everything from a single source: Get individual products, complete solutions, service and advice from a single source.  
We also offer prefabricated hose packages that are specifically tailored to your needs.  
For further information and individual advice, please contact your sales representative.

## Information, conformities and approvals



| Article  | Order No.      | Corrugated conduit | Corrugated conduit size | Condition | Diameter inside | Diameter outside | Retraction system | Spring strength | Axis  | Strain relief strength | PU pcs. |
|----------|----------------|--------------------|-------------------------|-----------|-----------------|------------------|-------------------|-----------------|-------|------------------------|---------|
| IRB 8700 | MS825010000007 | EWX-PAE            | M40/P36                 | Closed    | 28.5            | 42.2             | R-Tec Box         | 80              | A3-A6 | Cable star             | 1       |
| IRB 8700 | MS825010000007 | EWX-PAE            | M50/P48                 | Closed    | 36.7            | 53.5             | R-Tec Box         | 100             | A3-A6 | Cable star             | 1       |
| IRB 8700 | MS825010000007 | EWX-PAE            | NW 56                   | Closed    | 64              | 80.3             | R-Tec Box         | 200             | A3-A6 | Cable star             | 1       |
| IRB 8700 | MS825010000007 | EWX-PAE            | NW 70                   | Closed    | 52.2            | 67.7             | R-Tec Box         | 200             | A3-A6 | Cable star             | 1       |

## Material properties

mod. polyamide PA 12 || mod. polyamide PA 6 || Thermoplastic elastomer || Steel, powder coated ||

## Thermal properties

Temperature / temperature range -40 °C – 110 °C / short term: 140 °C

## Chemical resistances

Resistant to:AlcoholGreasesLyesMineral oilsWeak acids



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### Technical information



Halogen-free