

Robotics kit TM



Product information

Sets, especially designed for cable routing on robots of the TM Company. The assembly includes the protective hose, end sleeves and the appropriate fastening with non-slip hook-and-loop tape. For an easier installation of pre-assembled cables, the protective conduit is available in slit LS. The set offers a lowest possible interference contour for a low risk of damage.

Optional accessories:

- R-SSR - tension clamp for axis 6
- SH-P M25-M32 - system holder
- KEG/ZL or KEG/K - strain relief

Information, conformities and approvals



Article	Order No.	Color	Corrugated conduit	Corrugated conduit size	Corrugated conduit length m	Type	Diameter inside mm	Diameter outside mm	PU pcs.
Techman Robot									
FHS-C-Set TM5 1**)	83693500	Black / Red	EWX-PP-LS	M32/P29	2	slit	22.6	34.2	1
FHS-C-Set TM12/ TM14 2**)	83693501	Black / Red	EWX-PP-LS	M32/P29	3.5	slit	22.6	34.2	1
FHS-UHE-Set TM5 3**)	83693502	Black / Red	EWX-PP-LS	M32/P29	2	slit	22.6	34.2	1
FHS-UHE-Set TM12 / 83693503 TM14 4**)	83693503	Black / Red	EWX-PP-LS	M32/P29	3.5	slit	22.6	34.2	1
FHS-SH-Set TM5 5**)	83693504	Black / Red	EWX-PP-LS	M32/P29	2	slit	22.6	34.2	1
FHS-SH-Set TM12 / 83693505 TM14 6**)	83693505	Black / Red	EWX-PP-LS	M32/P29	3.5	slit	22.6	34.2	1
FHS-RS-Set TM5 7**)	83693506	Black / Red	EWX-PP-LS	M32/P29	2	slit	22.6	34.2	1
FHS-RS-Set TM12 / 83693507 TM14 8**)	83693507	Black / Red	EWX-PP-LS	M32/P29	3.5	slit	22.6	34.2	1
1**) Set consists of: 2m EWX-PP-LS M32/P29, 4x FHS-C incl. hook-and-loop tape, 2x end grommets, 1x wire insertion tool 2**) Set consists of: 3.5m EWX-PP-LS M32/P29, 5x FHS-C incl. hook-and-loop tape, 2x end grommets, 1x wire insertion tool 3**) Set consists of: 2m EWX-PP-LS M32/P29, 4x FHS-UHE incl. hook-and-loop tape, 2x end grommet, 1x wire insertion tool 4**) Set consists of: 3.5m EWX-PP-LS M32/P29, 5x FHS-UHE incl. hook-and-loop tape, 2x end grommet, 1x wire insertion tool 5**) Set consists of: 2m EWX-PP-LS M32/P29, 3x FHS-SH incl. hook-and-loop tape, 1x end grommet, 1x strain relief, 1x tension clamp axis 6, 1x wire insertion tool 6**) Set consists of: 3.5m EWX-PP-LS M32/P29, 4x FHS-SH incl. hook-and-loop tape, 1x end grommet, 1x strain relief, 1x tension clamp axis 6, 1x wire insertion tool 7**) Set consists of: 2m EWX-PP-LS M32/P29, 1x spring-return mechanism, 2x FHS-UHE incl. hook-and-loop tape, 1x end grommet, 1x strain relief, 1x tension clamp axis 6, 1x wire insertion tool 8**) Set consists of: 3.5m EWX-PP-LS M32/P29, 1x spring-return mechanism, 2x FHS-UHE incl. hook-and-loop tape, 1x end grommet, 1x strain relief, 1x tension clamp axis 6, 1x wire insertion tool									
1**) Set consists of: 2m EWX-PP-LS M32/P29, 4x FHS-C incl. hook-and-loop tape, 2x end grommets, 1x wire insertion tool 2**) Set consists of: 3.5m EWX-PP-LS M32/P29, 5x FHS-C incl. hook-and-loop tape, 2x end grommets, 1x wire insertion tool 3**) Set consists of: 2m EWX-PP-LS M32/P29, 4x FHS-UHE incl. hook-and-loop tape, 2x end grommet, 1x wire insertion tool									

Robotics kit TM

Article	Order No.	Color	Corrugated conduit	Corrugated conduit size	Corrugated conduit length m	Type	Diameter inside mm	Diameter outside mm	PU pcs.
4**) Set consists of: 3.5m EWX-PP-LS M32/P29, 5x FHS-UHE incl. hook-and-loop tape, 2x end grommet, 1x wire insertion tool									
5**) Set consists of: 2m EWX-PP-LS M32/P29, 3x FHS-SH incl. hook-and-loop tape, 1x end grommet, 1x strain relief, 1x tension clamp axis 6, 1x wire insertion tool									
6**) Set consists of: 3.5m EWX-PP-LS M32/P29, 4x FHS-SH incl. hook-and-loop tape, 1x end grommet, 1x strain relief, 1x tension clamp axis 6, 1x wire insertion tool									
7**) Set consists of: 2m EWX-PP-LS M32/P29, 1x- spring-return mechanism, 2x FHS-UHE incl. hook-and-loop tape, 1x end grommet, 1x strain relief, 1x tension clamp axis 6, 1x wire insertion tool									
8**) Set consists of: 3.5m EWX-PP-LS M32/P29, 1x- spring-return mechanism, 2x FHS-UHE incl. hook-and-loop tape, 1x end grommet, 1x strain relief, 1x tension clamp axis 6, 1x wire insertion tool									

Material properties



Polypropylene (PP)
Thermoplastic elastomer
mod. polyamide

Conformity



RoHS (EC Directive 2011/65/EU)

Approvals and operating permits



ROBI approval

Classification

ETIM 9: EC010745
ECLASS 14: 27439090

All details given in our sales brochures and catalogues, as well as the information available online, are based on our current knowledge of the products described. The electronic data and files made available by Murrplastik, particularly CAD files are based on our current knowledge of the product described. A legally binding assurance of certain properties or the suitability for a certain purpose can not be determined from this information. All information with respect to the chemical and physical properties of Murrplastik products, as well as application advice given verbally, in writing or by tests, is given to the best of our knowledge. They do not release the buyer from the obligation to carry out his own tests and trials in order to determine the concrete suitability of the products for the intended purpose. Murrplastik accepts no responsibility for the available information being up-to-date, correct or complete. Neither do we accept responsibility for the quality of this information. Murrplastik accepts no liability for damage caused as a result of using our products. Murrplastik reserves the right to make technical changes and improvements through constant further development of products and services. Our General Terms and Conditions apply.