



## Robotics kit UR



### Product information

Especially designed sets for cable routing on robots of the Universal Robots Company.

The assembly includes the protective conduit, 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 version type 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	Condition	Diameter inside mm	Diameter outside mm	PU pcs.
<b>Fixing kit for Universal Robot UR3</b>									
FHS-C-Set UR3 1)	83693480	Black / Red	EWX-PP-LS	M25/P21	2	slotted	18.3	28	1
FHS-UHE-Set UR3 2)	83693494	Black / Red	EWX-PP-LS	M25/P21	2	slotted	18.3	28	1
FHS-SH-Set UR3 3)	83693491	Black / Red	EWX-PP-LS	M25/P21	2	slotted	18.3	28	1
<b>Fixing kit for Universal Robot UR5</b>									
FHS-C-Set UR5 4)	83693482	Black / Red	EWX-PP-LS	M32/P29	2.5	slotted	22.6	34.2	1
FHS-UHE-Set UR5 5)	83693489	Black / Red	EWX-PP-LS	M32/P29	2	slotted	22.6	34.2	1
FHS-SH-Set UR5 6)	83693492	Black / Red	EWX-PP-LS	M32/P29	2	slotted	22.6	34.2	1
FHS-RS-Set UR5 7)	83693495	Black / Red	EWX-PP-LS	M32/P29	2	slotted	22.6	34.2	1
<b>Fixing kit for Universal Robot UR10</b>									
FHS-C-Set UR10 8)	83693484	Black / Red	EWX-PP-LS	M32/P29	3.5	slotted	22.6	34.2	1
FHS-UHE-Set UR10 9)	83693490	Black / Red	EWX-PP-LS	M32/P29	3.5	slotted	22.6	34.2	1
FHS-SH-Set UR10 10)	83693493	Black / Red	EWX-PP-LS	M32/P29	3.5	slotted	22.6	34.2	1



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Article	Order No.	Color	Corrugated conduit	Corrugated conduit size	Corrugated conduit length m	Condition	Diameter inside mm	Diameter outside mm	PU pcs.
FHS-RS-Set UR10 11)	83693496	Black / Red	EWX-PP-LS	M32/P29	3.5	slotted	22.6	34.2	1

### Fixing kit for Universal Robot UR16e

FHS-UHE-Set UR16e 12)	83693497	Black / Red	EWX-PP-LS	M32/P29	3	slotted	22.6	34.2	1
FHS-SH-Set UR16e 13)	83693498	Black / Red	EWX-PP-LS	M32/P29	3	slotted	22.6	34.2	1

### Fixing kit for Universal Robot UR20

FHS-C-Set UR20 14)	83693485	Black / Red	EWX-PP-LS	M32/P29	4	slotted	22.6	34.2	1
FHS-SH-Set UR20 15)	83693499	Black / Red	EWX-PP-LS	M32/P29	4	slotted	22.6	34.2	1

- 1) Set consists of: 2m EWX-PP-LS M25/P21, 3x FHS-C incl. hook-and-loop tape, 2x end grommets, 1x wire insertion tool  
 2) Set consists of: 2m EWX-PP-LS M25/P21, 3x FHS-UHE incl. hook-and-loop tape, 2x end grommet, 1x wire insertion tool  
 3) Set consists of: 2m EWX-PP-LS M25/P21, 2x FHS-SH incl. hook-and-loop tape, 1x end grommet, 1x strain relief, 1x tension clamp axis 6, 1x wire insertion tool  
 4) Set consists of: 2m EWX-PP-LS M32/P29, 4x FHS-C incl. hook-and-loop tape, 2x end grommets, 1x wire insertion tool  
 5) Set consists of: 2m EWX-PP-LS M32/P29, 4x FHS-UHE incl. hook-and-loop tape, 2x end grommet, 1x wire insertion tool  
 6) 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  
 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, 5x FHS-C incl. hook-and-loop tape, 2x end grommets, 1x wire insertion tool  
 9) 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  
 10) 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  
 11) 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  
 12) Set consists of: 3m EWX-PP-LS M32/P29, 4x FHS-UHE incl. hook-and-loop tape, 2x end grommet, 1x wire insertion tool  
 13) Set consists of: 3m 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  
 14) Set consists of: 4m EWX-PP-LS M32/P29, 5x FHS-C incl. hook-and-loop tape, 2x end grommets, 1x wire insertion tool  
 15) Set consists of: 4m 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

## Material properties



Polypropylene (PP) | Thermoplastic elastomer | mod. polyamide |

## Conformity



UR+ Certified



RoHS (EC Directive 2011/65/EU)

## Approvals and operating permits



ROBI approval

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