

**SNAP ON CONDUIT COUPLERS**



Distributors made of Polyamide can be used instead of a distribution box. These special connectors are used to clamp standard corrugated conduits. They can be configured into the basic shapes of **Y (TYC), T (TTC), V(TVC) and straight through (TSC)**.

Technical Details :	
Material	Polyamide 6
Colour	Black
Protection Class	IP 67

Cat. No. for TYC Configuration	Cat. No. for TTC Configuration	Cat. No. for TVC Configuration	Cat. No. for TSC Configuration	Standard Pack (pieces)	Suitable for Conduit Size		
					A	B	C
TYC101010	TTC101010	TVC101010	-	10	10	10	10
TYC121010	TTC121010	TVC121010	-	10	12	10	10
TYC121210	TTC121210	TVC121210	-	10	12	12	10
TYC121212	TTC121212	TVC121212	-	10	12	12	12
TYC161010	TTC161010	TVC161010	-	10	16	10	10
TYC161210	TTC161210	TVC161210	-	10	16	12	10
TYC161212	TTC161212	TVC161212	-	10	16	12	12
TYC161616	TTC161616	TVC161616	-	10	16	16	16
TYC222222	TTC222222	TVC222222	-	10	22	22	22
TYC282222	TTC282222	TVC282222	-	10	28	22	22
-	-	TVC282822	-	10	28	28	22
-	-	TVC282828	-	10	28	28	28
-	-	-	TSC1010	10	10	10	-
-	-	-	TSC1212	10	12	12	-
-	-	-	TSC1616	10	16	16	-
-	-	-	TSC2222	10	22	22	-
-	-	-	TSC2828	10	28	28	-
-	-	-	TSC3636	10	36	36	-
-	-	-	TSC4848	10	48	48	-
-	-	-	-	-	-	-	-



**CONNECTORS WITH METRIC**

**FEMALE THREADS FOR SENSORS**



These connectors are used to connect conduits to standard proximity sensors.

Technical Details :	
Material	High Quality Polycarbonate
Colour	Transparent White
Temperature Range	-40° C to +105° C Continuous +150° C Short Term
Protection Class	IP 67

Proximity Sensor Size	Suitable for Conduit Size	Cat. No.	Standard Pack (pieces)	Total Length (mm)
M8x1	10	TIS-M08T	100	30
M12x1	10	TIS-M12T	50	57
M18x1	10	TIS-M18T	50	57
M30x1.5	10	TIS-M30T	30	57



These manifolds are used to join two or three flexible Conduits of the same size or of different sizes with outside gripping. They are available in Straight, Elbow, 'T' and 'Y' shapes.

Technical Details :	
Material	Polyamide 66 (PA)
Protection Class	RAL 9005 (Black)
Temperature Range	-40 <sup>o</sup> C to +135 <sup>o</sup> C Continuous, +150 <sup>o</sup> C Short Term

CONDUIT COUPLERS

WITH CLAMP LOCKS



### Y Connector

Cat. No.	Standard Pack (pieces)	Suitable for Conduit Size		
		A	B	C
SYC101010	50	10	10	10
SYC121010	50	12	10	10
SYC121210	50	12	12	10
SYC161010	50	16	10	10
SYC161210	50	16	12	10
SYC161212	50	16	12	12
SYC161610	50	16	16	10
SYC161612	50	16	16	12
SYC222216	50	22	22	16

### T Connector

Cat. No.	Standard Pack (pieces)	Suitable for Conduit Size		
		A	B	C
STC070707	50	07	07	07
STC101010	50	10	10	10
STC121010	50	12	10	10
STC121210	50	12	12	10
STC121212	50	12	12	12
STC161012	50	16	10	12
STC161016	50	16	10	16
STC161212	50	16	12	12
STC161216	50	16	12	16
STC161616	50	16	16	16
STC162216	50	16	22	16
STC222216	50	22	22	16

### Straight Connector

Cat. No.	Standard Pack (pieces)	Suitable for Conduit Size	
		A	B
SSC0707	50	07	07
SSC1007	50	10	07
SSC1010	50	10	10
SSC1210	50	12	10
SSC1212	50	12	12
SSC1612	50	16	12
SSC1616	50	16	16

### Elbow Connector

Cat. No.	Standard Pack (pieces)	Suitable for Conduit Size	
		A	B
SEC1010	50	10	10
SEC1212	50	12	12
SEC1616	50	16	16

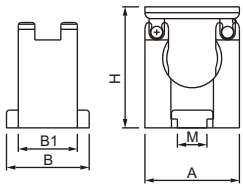


MOUNTING CLIPS

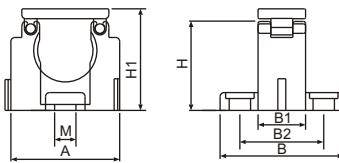


Mounting Clips are used for supporting conduits. These clips are made of High Quality Impact Resistant Polyamide. The mounting clips are stackable and are fixed with the help of screws on to the panel or equipment surface.

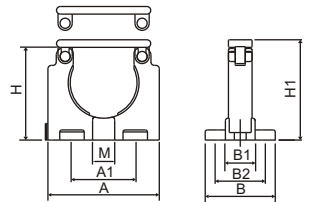
Technical Details :	
Material	Polyamide 6
Colour	RAL 7001 (Grey) RAL 9005 (Black)
Temperature Range	-40° C to +105° C Continuous, +150° C Short Term



For NFH-7/10



For NFH-12/16/22



For NFH-28/36/48/56/70/95

Suitable for Conduit Size	Cat. No. Black	Cat. No. Grey	Dimensions								
			A	A1	B	B1	B2	H	H1	M	
7	FH-07B	FH-07G	16	-	14	-	-	-	18	20	1 X M4
10	FH-10B	FH-10G	18	-	15	-	-	-	21.5	24.2	1 X M4
12	FH-12B	FH-12G	27.5	-	31.2	12	21.2	22.5	25.7	3 X M5	
16	FH-16B	FH-16G	34.2	-	36	14	24	29.5	33	3 X M5	
22	FH-22B	FH-22G	45.5	-	38	14	24	38	42.2	3 X M6	
28	FH-28B	FH-28G	55	34	37	14	25	45.3	49.8	5 X M6	
36	FH-36B	FH-36G	66	37.5	41.5	14	27	54.3	59.5	5 X M6	
48	FH-48B	FH-48G	84.8	56	41.5	14	27	66.8	73.1	5 X M6	
56	FH-56B	FH-56G	98.6	64.6	52	19	35.5	79.7	86.3	5 X M6	
70	FH-70B	FH-70G	121	79	63	23	43	97.6	106	5 X M8	
95	FH-95B	FH-95G	155	103	82	30	56	126	136	5 X M8	



TUBE END CAPS

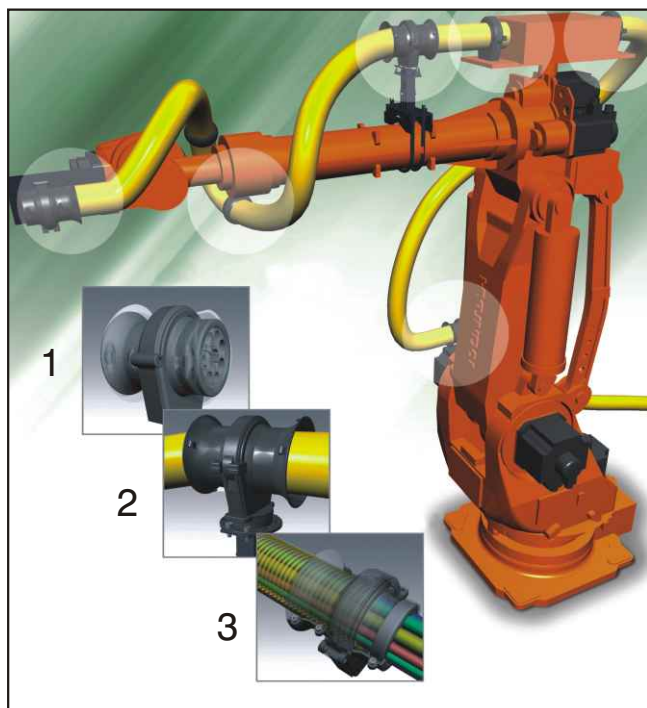


Tube End caps provide an IP66 covering at the end of corrugated tubes. The cap can be cut to accommodate pass through of different size wires.

Technical Details :	
Material	High Quality Rubber (NBR)
Colour	Black
Protection Class	IP 66










Suitable for Conduit Size	Cat. No.	Cable Range ø min - ø max (mm)	Total Length (mm)
7	FEC-07B	2 - 7	20.0
10	FEC-10B	3 - 10	31.0
12	FEC-12B	4 - 12	34.5
16	FEC-16B	6 - 16	34.5
22	FEC-22B	6 - 22	43.0
28	FEC-28B	6 - 28	44.5
36	FEC-36B	6 - 36	59.5
48	FEC-48B	6 - 48	59.5

## CABLE PROTECTION SYSTEM FOR ROBOTS: ROBO-KIT \*



ROBO-KIT is a specially designed cable protection system for robots. The system allows for friction and interference free movement of cables connected to the robots. Using the system allows for free movement of the robot while substantially enhancing the life of the cables.

The system consists of various components (shown below) which are assembled together to provide various different types of joints and terminations for the handling of the data and power cables of the robot as shown in figures 1, 2 & 3.

Product	Description / Part No.	Conduit Size	Width	Height	Length	Outside Diameter
	Abrasion Protectors RKTP	56 70	40.0 45.0	91.5 105	-	91.5 105
	Clamps RKC	56 70	30.0 34.0	115 138	120.3 145	100 126
	Tube Ball Joints RKS	56 70	108 132	105.5 120	105.5 120	105.5 120
	Tube Ball Joint with Sleeves RKD	56 70	130 154	105.5 120	105.5 120	105.5 120
	Strain Relief Inserts RKRC	56 70	43 44	86.0 104	-	86.0 104
	Strain Relief Inserts RKSC	56 70	20.6 20.6	68.3 82	-	68.3 82
	Rotators RKR	56 70	98.0 98.0	42.0 42.0	-	98.0 98.0
	Cable Managers VCG	56 70	20.6 20.6	64.1 77.8	-	64.1 77.8
	Conduits PAR	56 70	Internal Dia.(mm) Internal Dia.(mm)	56.3 70.0	External Dia.(mm) External Dia.(mm)	67.2 82.5

\* Available on Request