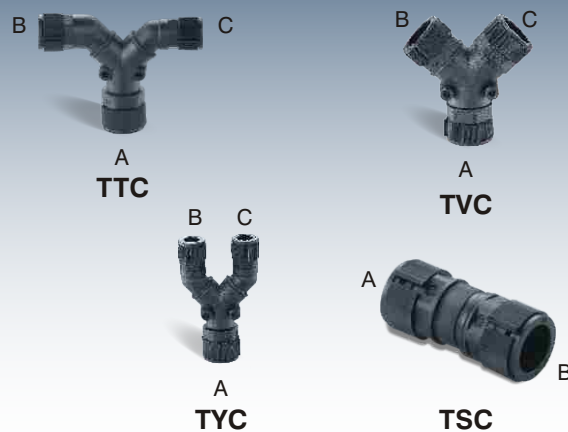




Distributors made of Polyamide can be used instead of a distribution box. These special connectors are used to clamp standard corrugated conduits. They can be configured into the basic shapes of Y (TYC), T (TTC), V(TVC) and straight through (TNSC). They are free for Halogen Phosphorous Cadmium.

Technical Details :	
Material	Polyamide 6
Colour	Black
Temperature Range	-40°C to +105°C Continuous
Protection Class	IP 67

SNAP ON CONDUIT COUPLERS


Cat. No. for TYC Configuration	Cat. No. for TTC Configuration	Cat. No. for TVC Configuration	Cat. No. for TNSC Configuration	Suitable for Conduit Size			Standard Pack (pieces)
				A	B	C	
TYC101010	TTC101010	TVC101010	-	10	10	10	10
TYC121010	TTC121010	TVC121010	-	12	10	10	10
TYC121210	TTC121210	TVC121210	-	12	12	10	10
TYC121212	TTC121212	TVC121212	-	12	12	12	10
TYC161010	TTC161010	TVC161010	-	16	10	10	10
TYC161210	TTC161210	TVC161210	-	16	12	10	10
TYC161212	TTC161212	TVC161212	-	16	12	12	10
TYC161616	TTC161616	TVC161616	-	16	16	16	10
TYC222222	TTC222222	TVC222222	-	22	22	22	10
TYC282222	TTC282222	TVC282222	-	28	22	22	10
TYC282822	TTC282822	TVC282822	-	28	28	22	10
TYC282828	TTC282828	TVC282828	-	28	28	28	10
-	-	-	TNSC10B	10	10	-	10
-	-	-	TNSC12B	12	12	-	10
-	-	-	TNSC16B	16	16	-	10
-	-	-	TNSC22B	22	22	-	10
-	-	-	TNSC28B	28	28	-	10
-	-	-	TNSC36B	36	36	-	10
-	-	-	TNSC48B	48	48	-	10
-	-	-	-	-	-	-	-



These connectors are used to connect conduits to standard proximity sensors. They are free for Halogen Phosphorous Cadmium.

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

CONNECTORS FOR FITTING
CONDUITS TO SENSORS


Proximity Sensor Size	Suitable for Conduit Size	Cat. No.	Total Length (mm)	Standard Pack (pieces)
M8x1	10	TIS-M08T	61.5	100
M12x1	10	TIS-M12T	61.5	50
M18x1	10	TIS-M18T	61.5	50
M30x1.5	10	TIS-M30T	61.5	30



STC



SYC

Y & T CONDUIT COUPLERS

WITH CLAMP LOCKS



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° C to +135° C Continuous, +150° C Short Term

Y & T Conduit Couplers

Cat. No.	Suitable for Conduit Size			Standard Pack (pieces)
	A	B	C	
SYC070404	07	04	04	50
SYC070707	07	07	07	50
SYC101010	10	10	10	50
SYC121010	12	10	10	50
SYC121210	12	12	10	50
SYC161010	16	10	10	50
SYC161210	16	12	10	50
SYC161212	16	12	12	50
SYC161610	16	16	10	50
SYC161612	16	16	12	50
SYC221616	22	16	16	50
SYC222216	22	22	16	50
STC070707	07	07	07	50
STC100707	10	07	07	50
STC101010	10	10	10	50
STC120712	12	07	12	50
STC121010	12	10	10	50
STC121210	12	12	10	50
STC121212	12	12	12	50
STC161010	16	10	10	50
STC161012	16	10	12	50
STC160716	16	07	16	50
STC161016	16	10	16	50
STC161212	16	12	12	50
STC161216	16	12	16	50
STC161612	16	16	12	50
STC161616	16	16	16	50
STC162216	16	22	16	50
STC221022	22	10	22	50
STC221216	22	12	16	50
STC221612	22	16	12	50
STC221222	22	12	22	50
STC222216	22	22	16	50



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 ^o C to +135 ^o C Continuous, +150 ^o C Short Term

CONDUIT COUPLERS WITH CLAMP

LOCKS - STRAIGHT & ELBOW



Straight & Elbow Conduit Coupler

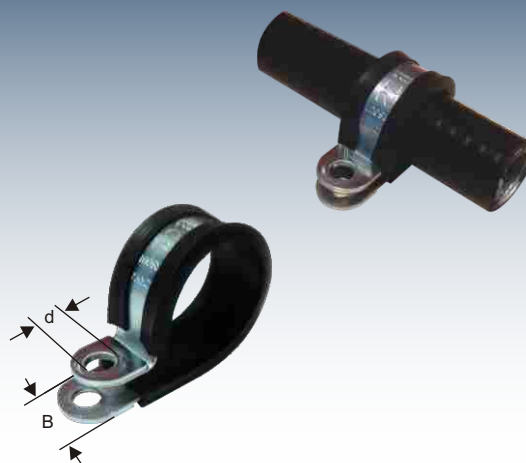
Cat. No.	Suitable for Conduit Size		Standard Pack (pieces)
	A	B	
SSC0707	07	07	50
SSC1007	10	07	50
SSC1010	10	10	50
SSC1210	12	10	50
SSC1212	12	12	50
SSC1612	16	12	50
SSC1616	16	16	50
SEC1010	10	10	50
SEC1212	12	12	50
SEC1616	16	16	50



'P' type mounting clips are ideal elements for retaining / holding pipes, cables, cable harnesses, hoses etc. These 'P' clips act as form fitting adjustable bands for ease of assembly & installation. The band ends of these clips are reinforced to prevent any tearing or loosening due to high mechanical loads. These galvanized steel, 'P' clips are fitted with EPDM liners which help achieve a tighter grip on the cable / conduit & also act as dampers for sound & vibration.

Technical Details :	
Material	Clip - Zinc Plated, Galvanised Steel
Profile	EPDM
Temperature Range	-40 ^o C to +120 ^o C

'P' TYPE MOUNTING CLIPS



Size	Cat. No.	Nominal ID (mm)	B Width (mm)	d Screw Size	Standard Pack (pieces)
0542-06-12	FHC-06	06	12	M5	50
0542-08-12	FHC-08	08	12	M5	50
0542-10-12	FHC-10	10	12	M5	50
0542-12-12	FHC-12	12	12	M5	50
0542-15-15	FHC-15	15	15	M6	50
0542-22-15	FHC-22	22	15	M6	50
0542-30-15	FHC-30	30	15	M6	50
0542-35-15	FHC-35	35	15	M6	50
0542-40-20	FHC-40	40	20	M8	50

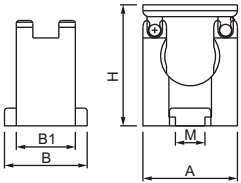


MOUNTING CLIPS

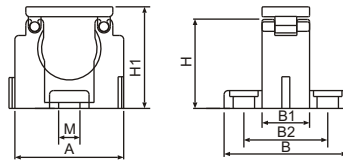


Mounting Clips are used for supporting conduits. These clips are made of High Quality Impact Resistant Polyamide. The mounting clips are stackable and are fixed with the help of screws on to the panel or equipment surface.

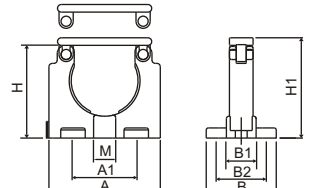
Technical Details :	
Material	Polyamide 6
Colour	RAL 7001 (Grey) RAL 9005 (Black)
Temperature Range	-40° C to +105° C Continuous, +150° C Short Term



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	FHN-07B	FHN-07G	16	-	14.5	10	-	-	18	20.7	1 X M4
10	FHN-10B	FHN-10G	18	-	15	10	-	-	21.7	24.2	1 X M4
12	FHN-12B	FHN-12G	27.5	-	31.2	14	21.2	-	22.5	25.7	3 X M5
16	FHN-16B	FHN-16G	34.2	-	36	14	24	-	29.5	33	3 X M5
22	FHN-22B	FHN-22G	45.5	-	38	14	24	-	38	42.2	3 X M6
28	FHN-28B	FHN-28G	55	34	37	14	25	-	45.3	49.8	5 X M6
36	FHN-36B	FHN-36G	66	37.5	41.5	14	27	-	54.3	59.5	5 X M6
48	FHN-48B	FHN-48G	84.8	56	41.5	14	27	-	66.8	73.1	5 X M6
56	FHN-56B	FHN-56G	98.6	64.6	52	19	35.5	-	79.7	86.3	5 X M6
70	FHN-70B	FHN-70G	121	79	63	23	43	-	97.6	105.8	5 X M6
95	FHN-95B	FHN-95G	155	103	82	30	56	-	125.8	136.3	5 X M6



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.	Inner Diameter (mm)	Cable Range Ø min - Ø max (mm)	Total Length (mm)
7	FEC-07B	10.0	2 - 7	24.0
10	FEC-10B	12.5	3 - 10	33.0
12	FEC-12B	15.8	4.2 - 12	33.0
16	FEC-16B	21.2	6 - 16	34.5
22	FEC-22B	28.5	6 - 22	41.0
28	FEC-28B	34.5	6 - 28	43.0
36	FEC-36B	42.5	6 - 36	58.5
48	FEC-48B	54.5	6 - 48	58.5



These metal ferrules are used in the combination with clamping ring to maintain the IP 67 grade of protection for liquid tight PVC coated smooth conduits.

Technical Details :

Material	Nickel Plated Brass for SLI Conduits Zinc Plated Steel for SLB Conduits
Colour	Metallic
Approvals	  




METAL FERRULES FOR
LIQUID TIGHT CONDUITS

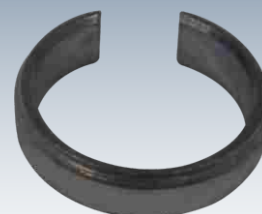

Conduit Size	Cat. No. Nickel Plated Brass	Cat. No. Zinc Plated Steel	Standard Pack (Pieces)
3/8"	AFER-03	BFER-03	25
1/2"	AFER-04	BFER-04	25
3/4"	AFER-05	BFER-05	25
1"	AFER-06	BFER-06	5
1 1/4"	AFER-07	-	5
1 1/2"	AFER-08	-	5
2"	AFER-09	-	2



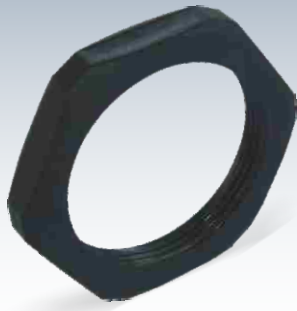
For using liquid tight conduit glands with SLI & SLB metallic conduits it is recommended to replace the standard polyamide clamping ring inside these glands with metal clamping rings. These clamping rings also increase the pull out strength of the conduit.

Technical Details :

Material	Nickel Plated Brass for SLI Conduits Zinc Plated Steel for SLB Conduits
Colour	Metallic
Approvals	  

METAL CLAMPING RING FOR
SLI & SLB CONDUITS


Conduit Size	Cat. No. Nickel Plated Brass	Cat. No. Zinc Plated Steel	Standard Pack (Pieces)
3/8"	ACRI-03	ACRB-03	50
1/2"	ACRI-04	ACRB-04	50
3/4"	ACRI-05	ACRB-05	25
1"	ACRI-06	ACRB-06	10
1 1/4"	ACRI-07	ACRB-07	5
1 1/2"	-	ACRB-08	5
2"	-	ACRB-09	4



POLYAMIDE LOCK NUTS



In certain applications, installing cable glands directly on enclosure or equipment wall surfaces is not possible as the entry holes are not threaded. In such situations Hexagonal Lock Nuts are used to secure the cable glands.

Technical Details :	
Material	Polyamide 6 30% glass fibre reinforced
Colour	RAL 7001 (Grey) RAL 9005 (Black)
Threads available	Pg, Metric, NPT & PF

Pg Thread

For Gland Size	Cat. No. Grey	Cat. No. Black	(mm)	Height (mm)	Standard Pack (pieces)
Pg 7	FLN-P07G	FLN-P07B	19	5	50
Pg 9	FLN-P09G	FLN-P09B	22	5	50
Pg 11	FLN-P11G	FLN-P11B	24	5	50
Pg 13.5	FLN-P13G	FLN-P13B	27	6	50
Pg 16	FLN-P16G	FLN-P16B	30	6	50
Pg 21	FLN-P21G	FLN-P21B	36	7	25
Pg 29	FLN-P29G	FLN-P29B	46	7	20
Pg 36	FLN-P36G	FLN-P36B	60	8	10
Pg 48	FLN-P48G	FLN-P48B	70	8	5

Metric Thread

For Gland Size	Cat. No. Grey	Cat. No. Black	(mm)	Height (mm)	Standard Pack (pieces)
M 12 x 1.5	FLN-M10G	FLN-M10B	18	5	50
M 16 x 1.5	FLN-M12G	FLN-M12B	22	5	50
M 20 x 1.5	FLN-M16G	FLN-M16B	26	6	50
M 25 x 1.5	FLN-M22G	FLN-M22B	32	6	50
M 32 x 1.5	FLN-M28G	FLN-M28B	41	7	25
M 40 x 1.5	FLN-M36G	FLN-M36B	50	7	10
M 50 x 1.5	FLN-M48/50G	FLN-M48/50B	60	8	10
M 63 x 1.5	FLN-M48/63G	FLN-M48/63B	75	8	5

NPT Thread

Size	Cat. No. Grey	Cat. No. Black	(mm)	Height (mm)	Standard Pack (pieces)
NPT 1/2"	FLN-N10G	FLN-N10B	27.2	5.6	50
NPT 1/2"	FLN-N12G	FLN-N12B	27.2	5.6	50
NPT 1/2"	FLN-N16G	FLN-N16B	27.2	5.6	50
NPT 3/4"	FLN-N22G	FLN-N22B	26.5	7	30
NPT 1"	FLN-N28G	FLN-N28B	33.2	7	30

PF(G) Thread

For Gland Size	Cat. No. Grey	Cat. No. Black	(mm)	Height (mm)	Standard Pack (pieces)
G 1/4"	FLN-G07G	FLN-G07B	19	6	100
G 1/2"	FLN-G10G	FLN-G10B	27	6	100
G 1/2"	FLN-G12G	FLN-G12B	27	6	100
G 1/2"	FLN-G16G	FLN-G16B	27	6	100
G 3/4"	FLN-G22G	FLN-G22B	36	7	100
G 1"	FLN-G28G	FLN-G28B	46	7	50
G 1 1/4"	FLN-G36G	FLN-G36B	50	8	50
G 1 1/2"	FLN-G42G	FLN-G42B	65	8	50
G 2"	FLN-G48G	FLN-G48B	70	8	50



In certain applications, installing conduit glands directly on enclosure or equipment wall surfaces is not possible as the entry holes are not threaded. In such situations Brass Lock Nuts are used to secure the cable glands.

Technical Details :	
Material	Brass, Nickel Plated
Threads available	Pg, Metric

BRASS LOCK NUTS



Pg Threads

For Gland Size	Cat. No.	⌘ (mm)	Height (mm)	Standard Pack (pieces)
Pg 7	BSL-01	15	2.8	50
Pg 9	BSL-02	18	2.8	50
Pg 11	BSL-03	21	3.0	50
Pg 13.5	BSL-04	23	3.0	50
Pg 16	BSL-05	26	3.0	25
Pg 21	BSL-06	32	3.5	25
Pg 29	BSL-07	41	4.0	20
Pg 36	BSL-08	51	5.0	15
Pg 42	BSL-09	60	5.0	12
Pg 48	BSL-10	64	5.5	12

Metric Threads

For Gland Size	Cat. No.	⌘ (mm)	Height (mm)	Standard Pack (pieces)
M 12 x 1.5	BMBL-01	15	2.8	50
M 16 x 1.5	BMBL-02	19	3.0	50
M 20 x 1.5	BMBL-03	24	3.5	50
M 25 x 1.5	BMBL-04	30	4.0	25
M 32 x 1.5	BMBL-05	36	5.0	25
M 40 x 1.5	BMBL-06	46	5.0	20
M 50 x 1.5	BMBL-07	60	5.0	15
M 63 x 1.5	BMBL-08	70	5.0	12