

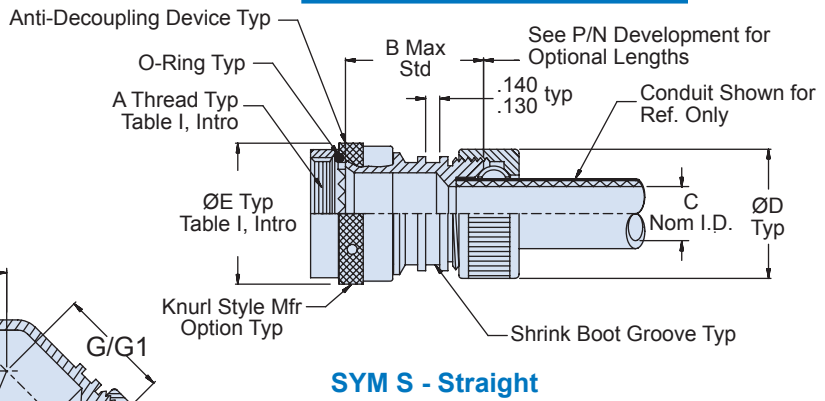
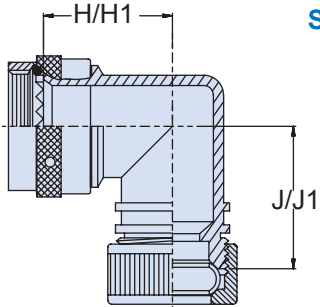
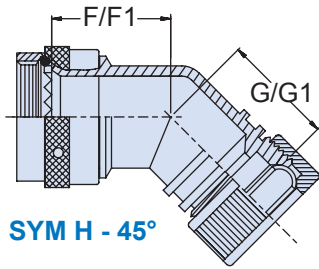
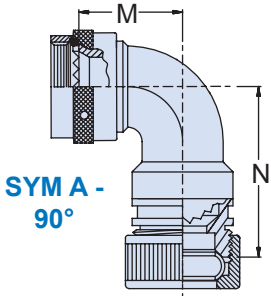
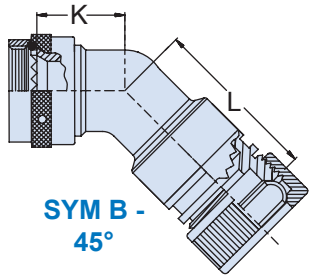
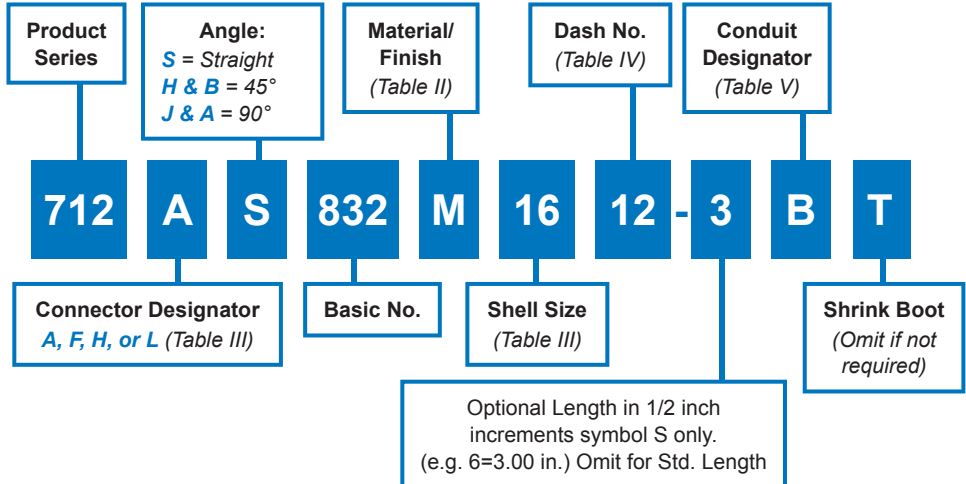


712-832
RP Plus System
 Low-Profile, Self-Locking, Environmental Backshell with
 Shrink Boot Accomodation for Series 75 Metal-Core Conduit

RP Plus conduit-to-connector backshell with self-locking coupling nut, environmental



How To Order



Material and Finish

- Adapters, Elbows, Coupling Nuts & Rings: See Table II
- Anti-Decoupling Device: Corrosion resistant material/NA
- O-Ring: Silicone/NA

Notes

- Minimum optional length is 1.50 Inches for shell sizes 08/09 thru 32 & 61, and 2.00 Inches for shell sizes 36 thru 48. Consult factory for shorter length.
- O-Ring not supplied with connector designator A
- Mates with Conduit per Table V

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Series 75
Metal-Core Conduit

Table III: Shell Size

Shell Size		Max Dash No Table IV	B Max	F Max	G Max	H Max	J Max	K Max	L Max	M Max	N Max
A,F,L	H										
08	09	08	1.25 (31.8)	0.639 (16.2)	1.20 (30.5)	0.75 (19.1)	1.31 (33.3)	0.600 (15.2)	1.500 (38.1)	0.680 (17.3)	1.670 (42.4)
10/11	11	12	1.25 (31.8)	0.654 (16.6)	1.23 (31.2)	0.81 (20.6)	1.37 (34.8)	0.630 (16.0)	1.730 (43.9)	0.770 (19.6)	1.810 (46.0)
12/13	13	16	1.25 (31.8)	0.688 (17.5)	1.25 (31.8)	0.87 (22.1)	1.43 (36.3)	0.660 (16.8)	1.800 (45.7)	0.800 (20.3)	1.830 (46.5)
14/15	15	20	1.25 (31.8)	0.705 (17.9)	1.28 (32.5)	0.92 (23.4)	1.50 (38.1)	0.690 (17.5)	1.910 (48.5)	0.880 (22.4)	1.910 (48.5)
16/17	17	24	1.25 (31.8)	0.732 (18.6)	1.30 (33.0)	0.98 (24.9)	1.56 (39.6)	0.820 (20.8)	2.060 (52.3)	1.060 (26.9)	2.040 (51.8)
18	19	24	1.25 (31.8)	0.748 (19.0)	1.31 (33.3)	1.02 (25.9)	1.58 (40.1)	0.970 (24.6)	2.240 (56.9)	1.150 (29.2)	2.220 (56.4)
20	21	32	1.35 (34.3)	0.773 (19.6)	1.52 (38.6)	1.08 (27.4)	1.89 (48.0)	0.970 (24.6)	2.290 (58.2)	1.150 (29.2)	2.260 (57.4)
22	23	32	1.35 (34.3)	0.800 (20.3)	1.56 (39.6)	1.14 (29.0)	1.97 (50.0)	1.000 (25.4)	2.430 (61.7)	1.300 (33.0)	2.370 (60.2)
24	25	40	1.35 (34.3)	0.823 (20.9)	1.59 (40.4)	1.20 (30.5)	2.04 (51.8)	1.000 (25.4)	2.480 (63.0)	1.300 (33.0)	2.420 (61.5)
28		40	1.50 (38.1)	1.041 (26.4)	1.82 (46.2)	1.48 (37.6)	2.28 (57.9)	TBD	TBD	1.400 (35.6)	2.640 (67.1)
32		48	1.50 (38.1)	1.092 (27.7)	1.86 (47.2)	1.61 (40.9)	2.37 (60.2)	TBD	TBD	1.750 (44.5)	2.930 (74.4)
36		48	1.75 (44.5)	1.138 (28.9)	1.91 (48.5)	1.72 (43.7)	2.46 (62.5)	TBD	TBD	1.950 (49.5)	2.960 (75.2)
40		64	1.75 (44.5)	1.184 (30.1)	1.95 (49.5)	1.83 (46.5)	2.57 (65.3)	N/A	N/A	N/A	N/A
44		64	1.75 (44.5)	1.235 (31.4)	2.00 (50.8)	1.95 (49.5)	2.70 (68.6)	N/A	N/A	N/A	N/A
48		64	1.75 (44.5)	1.287 (32.7)	2.05 (52.1)	2.08 (52.8)	2.82 (71.6)	N/A	N/A	N/A	N/A
61		32	1.35 (34.3)	1.003 (25.5)	1.77 (45.0)	1.39 (35.3)	1.88 (47.8)	N/A	N/A	N/A	N/A

Table IV: Dash No. and Shrink Boot

Dash No	C I.D.		Ø D Max		F1 Max		G1 Max		H1 Max		J1 Max		Shrink Boot Part Number
08	0.250	(6.4)	0.84	(21.3)	N/A		N/A		N/A		N/A		770-001S104
12	0.375	(9.5)	0.97	(24.6)	0.654	(16.6)	1.23	(31.2)	0.81	(20.6)	1.37	(34.8)	770-001S105
16	0.500	(12.7)	1.09	(27.7)	0.688	(17.5)	1.25	(31.8)	0.87	(22.1)	1.43	(36.3)	770-001S106
20	0.625	(15.9)	1.22	(31.0)	0.705	(17.9)	1.28	(32.5)	0.92	(23.4)	1.50	(38.1)	770-001S106
24	0.750	(19.1)	1.35	(34.3)	0.732	(18.6)	1.30	(33.0)	0.98	(24.9)	1.56	(39.6)	770-001S107
32	1.000	(25.4)	1.66	(42.2)	0.773	(19.6)	1.52	(38.6)	1.08	(27.4)	1.89	(48.0)	770-001S108
40	1.250	(31.8)	1.91	(48.5)	0.823	(20.9)	1.59	(40.4)	1.20	(30.5)	2.04	(51.8)	770-001S108
48	1.500	(38.1)	2.28	(57.9)	1.041	(26.4)	1.86	(47.2)	1.48	(37.6)	2.37	(60.2)	770-001S109
64	2.000	(50.8)	2.78	(70.6)	1.092	(27.7)	1.95	(49.5)	1.61	(40.9)	2.57	(65.3)	770-001S109

Table II: Material and Finish

Sym	Material	Finish Description
NF	Al Alloy	Cad O.D. Over Electroless Nickel
BN	Brass	(1000 Hour Salt Spray)
B0	Brass	Unplated
Z1	300 Series SST	Passivate
M	Al Alloy	Electroless Nickel
MT	Al Alloy	Nickel PTFE
SN	Steel, B1113	Cad O.D. Over Electroless Nickel (1000 Hour Salt Spray)

Table II (continued)

Sym	Material	Finish Description	Component
ZM	300 Series SST	Electroless Nickel	Adapter, Elbow
		Passivate	Coupling Nut
ZW	300 Series SST	Cadmium Olive Drab over Electroless Nickel	Adapter, Elbow
		Cadmium Olive Drab	Coupling Nut

Table V: Conduit Designator

Conduit Part Number	Core Material	Conduit Designator
750-191 & -192 (Core Option N) 750-084, 750-085	Nickel/Iron Core	N
750-191 & -192 (Core Option C) 750-094, 750-095	Stainless Steel Core	
M24758-*, 750-079	M24758 Brass Core	
750-191 & -192 (Core Option B) 730-031, 750-045	Glenair Brass Core	B
750-190 (Core Option N)	Nickel/Iron Core	W
750-190 (Core Option C)	Stainless Steel Core	
750-190 (Core Option B)	Glenair Brass Core	X
750-193 & -194 (Core Option N)	Nickel/Iron Core	Y
750-193 & -194 (Core Option C)	Stainless Steel Core	
750-193 & -194 (Core Option B)	Glenair Brass Core	

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