

SERIES 928 • QUARTER-TURN • BAYONET Connectors for HMI Lighting



928-004 Line Plug with Extended Heavy Duty Coupling Ring



Features

- Heavy duty coupling ring
- ¼ turn bayonet lock for secure attachment
- Intermateable, interchangeable with "VEAM" type connectors
- Machined contacts
- Durable polymer electrocoat finish
- UL #E328968 recognized
- IP67 ingress protection

Specifications

- Operating temperature: -55°C. to +125°C.
- Suggested maximum operating voltage: 500 Vac
- Current rating: size #4 contact 80 A, size #8 46 A, size #12 23 A, size #16 13 A
- Meets mechanical, electrical and environmental requirements of MIL-DTL-5015 and VG95234

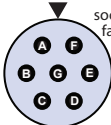
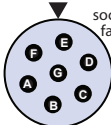
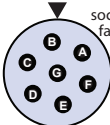
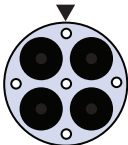
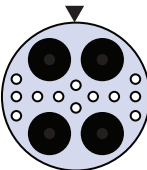
Connector Construction

- Shell and coupling ring: aluminum with black polymer electrocoat
- Contacts: copper alloy, silver or gold plating
- Insert: neoprene

Cable Grip Construction

- Adapter: aluminum with black polymer electrocoat
- Style 1 EZ Clamp: aluminum with black polymer electrocoat, neoprene sealing gland
- Style 2 Cordgrip: 6/6 nylon, UL 94V-0, with TPE sealing gland

928-004 male line connectors are compatible with standard "VEAM" type quarter-turn bayonet connectors used on HMI lighting ballasts and heads. Heavy duty machined aluminum coupling ring is easy to turn and resists damage. Aluminum shell, neoprene inserts, machined copper alloy contacts with gold or silver plating. 125°C. temperature rating, 500Vac, 13 A to 80 A current rating depending on contact size. Crimp or solder termination.

How To Order							
	928-004-	24-2	P	C	2	A	
Product	928-004 = Line Plug						
Arrangement Number	14S-07 24-2 24-2W 24-2Z 24-11 28-09 28-10 28-22 32-68						
Contact Type	P = Pin contacts (male) S = Socket contacts (female)						
Contact Termination Style	S = Solder (installed) C = Crimp (uninstalled)						
Contact Finish	1 = Silver (standard) 2 = Gold (optional)						
Shell Finish	A = Black polymer electrocoat						
Cable Grip	Omit for connector with no cable grip 1 = EZ Clamp "bullet" style machined aluminum cordgrip 2 = Nylon cordgrip with PG cable gland, liquid tight						
Arrangement Number							
							
14S-07 7 #16 Contacts	24-2 7 #12 Contacts	24-2W 7 #12 Contacts Insert rotated 80°	24-2Z 7 #12 Contacts Insert rotated 280°	24-11 6 #12 Contacts 3 #8 Contacts			
							
28-09 5 #16 Contacts 4 #4 Contacts	28-10 3 #12 Contacts 2 #8 Contacts 2 #4 Contacts	28-22 3 #16 Contacts 3 #4 Contacts	32-68 12 #16 Contacts 4 #4 Contacts				

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Connector Only

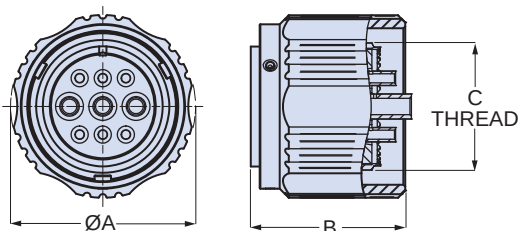


Connector with Nylon Cordgrip



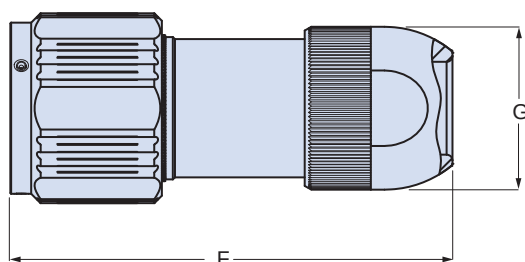
Connector with Aluminum EZ Clamp

DIMENSIONS



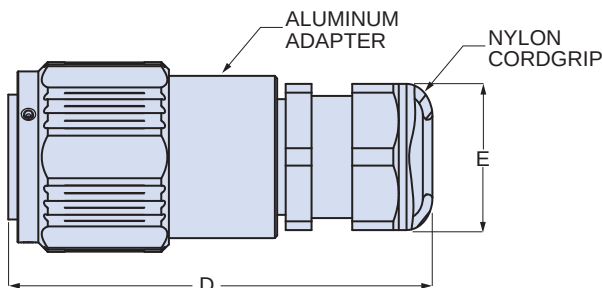
Arrangement No.	øA		øB		C
	In.	mm.	In.	mm.	Thread
14S-07	1.26	32.0	1.30	33.1	.7500-20 UNEF
24-2	1.98	50.2	1.67	42.5	1.375-18 UNEF
24-2W	1.98	50.2	1.67	42.5	1.375-18 UNEF
24-2Z	1.98	50.2	1.67	42.5	1.375-18 UNEF
24-11	1.98	50.2	1.67	42.5	1.375-18 UNEF
28-09	2.22	56.5	1.89	48.1	1.625-18 UNEF
28-10	2.22	56.5	1.89	48.1	1.625-18 UNEF
28-22	2.22	56.5	1.89	48.1	1.625-18 UNEF
32-68	2.52	64.0	2.01	51.2	1.875-16 UN

STYLE 1 ALUMINUM EZ CLAMP DIMENSIONS



Arrangement No.	F Max.		G Max.		Cable Dia. Range			
	In.	mm.	In.	mm.	In. Min.	In. Max.	mm. Min.	mm. Max.
14S-07	3.81	96.8	1.02	25.8	.23	.44	5.8	11.1
24-2	4.59	116.5	1.69	43.0	.61	.94	15.5	23.8
24-2W	4.59	116.5	1.69	43.0	.61	.94	15.5	23.8
24-2Z	4.59	116.5	1.69	43.0	.61	.94	15.5	23.8
24-11	4.59	116.5	1.69	43.0	.61	.94	15.5	23.8
28-09	4.78	121.5	1.69	43.0	.61	.94	15.5	23.8
28-10	4.78	121.5	1.69	43.0	.61	.94	15.5	23.8
28-22	4.78	121.5	1.69	43.0	.61	.94	15.5	23.8
32-68	5.02	127.4	2.01	51.0	.92	1.25	23.4	31.8

STYLE 2 NYLON CORDGRIP DIMENSIONS



Arrangement No.	D Max.		E Max.		Cable Dia. Range			
	In.	mm.	In.	mm.	In. Min.	In. Max.	mm. Min.	mm. Max.
14S-07	3.28	83.2	1.04	26.5	.51	.71	13.0	18.0
24-2	4.03	102.3	1.16	29.5	.71	.98	18.0	25.0
24-2W	4.03	102.3	1.16	29.5	.71	.98	18.0	25.0
24-2Z	4.03	102.3	1.16	29.5	.71	.98	18.0	25.0
24-11	4.03	102.3	1.16	29.5	.79	1.26	20.0	32.0
28-09	4.67	118.5	1.82	46.3	.79	1.26	20.0	32.0
28-10	4.67	118.5	1.82	46.3	.79	1.26	20.0	32.0
28-22	4.67	118.5	1.82	46.3	.79	1.26	20.0	32.0
32-68	4.96	126.1	1.82	46.3	.79	1.26	20.0	32.0

Mouser Electronics

Authorized Distributor

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[928-004-32-68PC2A1](#) [928-004-24-2PWC2A1](#) [928-004-24-2PZC2A1](#)