

NEPLOC[®]

POWER & CONTROL CONNECTORS FOR WET LOCATIONS

by PYLE-NATIONAL



Neploc is a versatile line of connectors which are gasketed at all critical points for watertightness. Connectors are designed for heavy duty applications, especially where water, oil and other liquids or slurries are encountered.

HARDWARE

Neploc is furnished in natural finish, machined aluminum from bar stock for high strength and impact resistance. Five keys and keyways index and plug and receptacles. Double acme threads, provide quick coupling and prevent cross threading. Strain relief is furnished with a sealing grommet and gland nut, and further with optional mechanical clamp nut or basket weave grip. Different size grommets accommodate various cord/cable diameters. Plane, box and angle mount receptacle configurations help you customize connectors to your installations.



CONTACT UNITS

Neploc's environmental hardware is produced to use the full range of Triploc contact inserts. In configuration of one to twelve poles, both power and control inserts are reversible within specific plug shells or receptacle housings. This permits virtually thousands of assembly combinations. Asymmetrical configurations and keyways protect polarity and eliminate cross-mating. Molded phenolic insulation contains and protects all recessed female or exposed male contacts.

Additional insulating materials are available for unusual applications such as high temperatures, fungus resistance and abnormal contaminating conditions. Certain 2, 3 and 4 pole inserts are UL and CSA listed. Consult factory for specifics and well as how Pyle can assist you with your unique installation requirements.

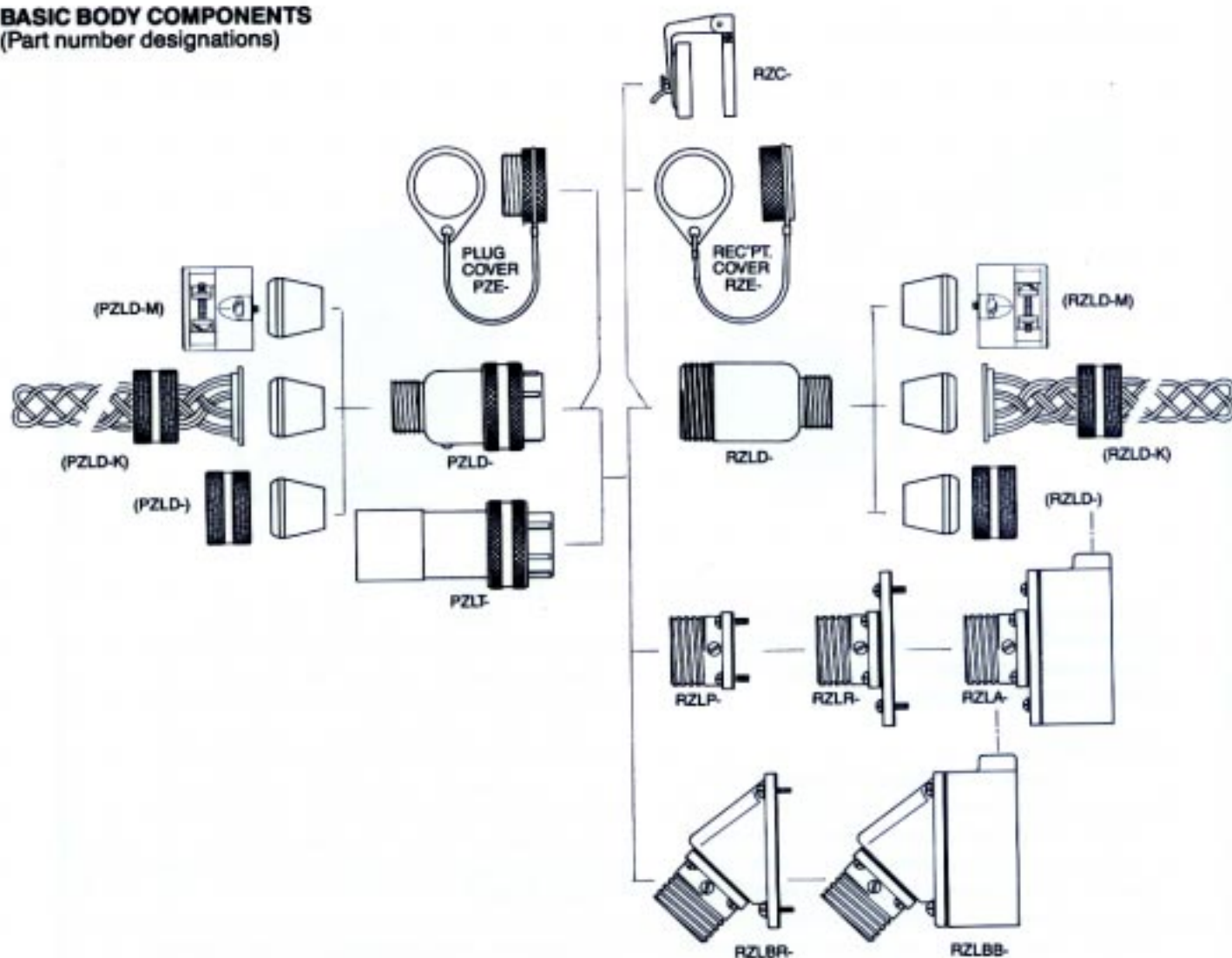
NEPLOC®

PART NUMBER CODING

PZLD -4 2 12 21-G M

1. Catalog number prefix and product identity
2. Grommet code or conduit size
3. Contact type
4. Number of contacts
5. Contact service
6. Indicates grounding thru shell and extra pole (omit for ungrounded)
7. Strain relief style: M-Mechanical clamp, K-Weave Grip (omit for standard compression nut)

BASIC BODY COMPONENTS (Part number designations)



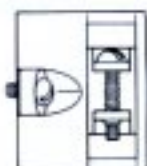
NEPLOC®



CIRCUIT	AMPERES				CABLE DIAMETER RANGE (INCHES)	PART NUMBER PREFIXES (USE WITH SUFFIXES AT RIGHT)					PART NUMBER SUFFIX
	460 VAC	240 VAC	250 VDC	125 VDC		IN-LINE		CONDUIT BODIES			
						PLUG	RECEPTACLE	CONDUIT HUB SIZE	STRAIGHT	ANGLED	
2-Pole 2-Wire	20	30	20	20	.375-.500 .500-.625 .625-.750	PZLD-4 PZLD-5 PZLD-6	RZLD-4 RZLD-5 RZLD-6	1/2 3/4	RZLA-1 RZLA-2	RZLBB-1 RZLBB-2	21221
2-Pole 3-Wire	20	30	20	20	.375-.500 .500-.625 .625-.750	PZLD-4 PZLD-5 PZLD-6	RZLD-4 RZLD-5 RZLD-6	1/2 3/4	RZLA-1 RZLA-2	RZLBB-1 RZLBB-2	20321-G
3-Pole 3-Wire	20	30	20	20	.375-.500 .500-.625 .625-.750	PZLD-4 PZLD-5 PZLD-6	RZLD-4 RZLD-5 RZLD-6	1/2 3/4	RZLA-1 RZLA-2	RZLBB-1 RZLBB-2	20321
3-Pole 4-Wire	20	30	20	20	.375-.500 .500-.625 .625-.750	PZLD-4 PZLD-5 PZLD-6	RZLD-4 RZLD-5 RZLD-6	1/2 3/4	RZLA-1 RZLA-2	RZLBB-1 RZLBB-2	20421-G
4-Pole 4-Wire	20	30	20	20	.375-.500 .500-.625 .625-.750	PZLD-4 PZLD-5 PZLD-6	RZLD-4 RZLD-5 RZLD-6	1/2 3/4	RZLA-1 RZLA-2	RZLBB-1 RZLBB-2	20421
5-Pole 6-Wire	15	15	1.5	5	.500-.625 .625-.750 .750-.875 .875-1.000	PZLD-5 PZLD-6 PZLD-7 PZLD-8	RZLD-5 RZLD-6 RZLD-7 RZLD-8	3/4 1	RZLA-2 RZLA-3	RZLBB-2 RZLBB-3	10621-G
6-Pole 6-Wire	15	15	1.5	5	.500-.625 .625-.750 .750-.875 .875-1.000	PZLD-5 PZLD-6 PZLD-7 PZLD-8	RZLD-5 RZLD-6 RZLD-7 RZLD-8	3/4 1	RZLA-2 RZLA-3	RZLBB-2 RZLBB-3	10621
7-Pole 8-Wire	15	15	1.5	5	.500-.625 .625-.750 .750-.875 .875-1.000	PZLD-5 PZLD-6 PZLD-7 PZLD-8	RZLD-5 RZLD-6 RZLD-7 RZLD-8	3/4 1	RZLA-2 RZLA-3	RZLBB-2 RZLBB-3	10821-G
8-Pole 8-Wire	15	15	1.5	5	.500-.625 .625-.750 .750-.875 .875-1.000	PZLD-5 PZLD-6 PZLD-7 PZLD-8	RZLD-5 RZLD-6 RZLD-7 RZLD-8	3/4 1	RZLA-2 RZLA-3	RZLBB-2 RZLBB-3	10821
11-Pole 12-Wire	15	15	1.5	5	.625-.750 .750-.875 .875-1.000	PZLD-6 PZLD-7 PZLD-8	RZLD-6 RZLD-7 RZLD-8	1	RZLA-3	RZLBB-3	101221-G
12-Pole 12-Wire	15	15	1.5	5	.625-.750 .750-.875 .875-1.000	PZLD-6 PZLD-7 PZLD-8	RZLD-6 RZLD-7 RZLD-8	1	RZLA-3	RZLBB-3	101221

NOTES: 2, 3 and 4 pole inserts come standard with pressure contacts.
6, 8 and 12 pole inserts come standard with solder/crimp contacts.

STRAIN RELIEF OPTIONS for PZLD & RZLD:



MECHANICAL CLAMP NUT

Add suffix -M (or -GM where appropriate)



BASKET WEAVE NUT

Add suffix -K (or -GK where appropriate)



THREADED COVERS

Change "L" in prefix to "E"

NEPLOC®



PANEL MOUNT BARREL		CONDUIT BODY MOUNT RECEPTACLE		CONDUIT BODY 45° REC'P'T		CONDUIT BODY BOX	
WITHOUT COVER	RZLP-2000	WITHOUT COVER	RZLR-2000	WITHOUT COVER	RZLBR-2000	1/2" HUB	N-FS-18
WITH WATER-TIGHT COVER	RZEP-2000	WITH WATER-TIGHT COVER	RZER-2000	WITH WATER-TIGHT COVER	RZEBR-2000	3/4" HUB	N-FS-28
WITH WEATHER-TIGHT HINGED COVER	RZCP-2000	WITH WEATHER-TIGHT HINGED COVER	RZCR-2000	WITH WEATHER-TIGHT HINGED COVER	RZCBR-2000	1" HUB	N-FS-38

CONTACT UNITS

Fit both NEPLOC and TRIPLOC plugs and receptacles. Front face of pin/male inserts shown.

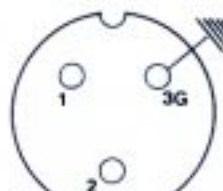
*Thermocouple assemblies available: for iron and constantan, suffix MCY, for chromel and alumel, suffix HAY.



1-pole, 1-wire
solder contact
Male: **AP-160**
Female: **AR-160**



2-pole, 2-wire
pressure contacts
Male: **AP-221**
Female: **AR-221**
solder contacts, -211



2-pole, 3-wire,
pressure contacts
Male: **AP-320-G**
Female: **AR-320-G**
solder contacts, -310-G



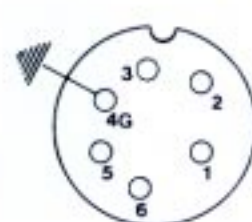
3-pole, 3-wire
pressure contacts
Male: **AP-320**
Female: **AR-320**
solder contacts, -310



3-pole, 4-wire
pressure contacts
Male: **AP-420-G**
Female: **AR-420-G**
solder contacts, -410-G



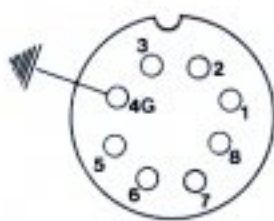
4-pole, 4-wire
pressure contacts
Male: **AP-420**
Female: **AR-420**
solder contacts, -410



5-pole, 6-wire,
solder contacts
Male: **AP-610-G**
Female: **AR-610-G**



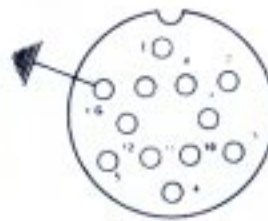
6-pole, 5-wire*
solder contacts
Male: **AP-610**
Female: **AR-610**



7-pole, 8-wire
solder contacts
Male: **AP-810-G**
Female: **AR-810-G**



8-pole, 8-wire*
solder contacts
Male: **AP-810**
Female: **AR-810**



11-pole, 12-wire
solder contacts
Male: **AP-1210-G**
Female: **AR-1210-G**



12-pole, 12-wire*
solder contacts
Male: **AP-1210**
Female: **AR-1210**

MIDGET NEPLOC®

FOR WET LOCATIONS



PMLD
Plug



RMLD
Receptacle

RMLA
Conduit
Receptacle



RMLBB
Conduit
Receptacle

CIRCUIT	AMPERES/ VOLTS	CABLE DIAMETER RANGE (IN.)	PART NUMBER PREFIXES (COMBINE USE WITH SUFFIXES AT RIGHT)					PART NUMBER SUFFIX
			IN-LINE PLUG	IN-LINE RECEPTACLE	CONDUIT HUB SIZE	CONDUIT BODY MOUNTS		
						STRAIGHT	45° ANGLE	
2-Pole 2-Wire	20 AMPS 125 VAC	250-375	PMLD-3	RMLD-3	½"	RMLA-1	RMLBB-1	25221
		375-500	PMLD-4	RMLD-4	¾"	RMLA-2	RMLBB-2	
		500-625	PMLD-5	RMLD-5				
2-Pole 3-Wire		250-375	PMLD-3	RMLD-3	½"	RMLA-1	RMLBB-1	25321-G
		375-500	PMLD-4	RMLD-4	¾"	RMLA-2	RMLBB-2	
		500-625	PMLD-5	RMLD-5				
3-Pole 3-Wire	15 AMPS 125 VDC	250-375	PMLD-3	RMLD-3	½"	RMLA-1	RMLBB-1	25321
		375-500	PMLD-4	RMLD-4	¾"	RMLA-2	RMLBB-2	
		500-625	PMLD-5	RMLD-5				
3-Pole 4-Wire	10 AMPS 277 VAC	250-375	PMLD-3	RMLD-3	½"	RMLA-1	RMLBB-1	25421-G
		375-500	PMLD-4	RMLD-4	¾"	RMLA-2	RMLBB-2	
		500-625	PMLD-5	RMLD-5				
4-Pole 4-Wire		250-375	PMLD-3	RMLD-3	½"	RMLA-1	RMLBB-1	25421
		375-500	PMLD-4	RMLD-4	¾"	RMLA-2	RMLBB-2	
		500-625	PMLD-5	RMLD-5				

NOTES: For reverse service, change last digit "1" in catalog suffix to "2".
Catalog numbers shown describe inserts with pin and sleeve contacts.
Flat blade contacts are available — consult factory.

OPTIONAL COVERS

(Part number prefix changes)



WITHOUT COVER

RMLP-



RMLR-



RMLBR-

WEATHERTIGHT
THREADED COVER

RMEP-

RMER-

RMEBR-

WEATHERPROOF
SPRING COVER

RMCP-

RMCR-

RMCBR-



CONTACT UNITS (PRESSURE TYPE)

For Midget Triploc and Midget Neploc. Front face of pin/male inserts shown.



2-pole, 2-wire

PA-225



2-pole, 3-wire

PA-325-G



3-pole, 3-wire

PA-325



3-pole, 4-wire

PA-425-G



4-pole, 4-wire

PA-425

Male: **RA-225**

Catalog numbers describe inserts with pin and sleeve contacts. Flat blade available — consult factory.



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