

Smart Monitor

Visual Diagnostic Plugs & Connectors



Industry Leading Features:

- cETLus Listed
- Meets OSHA and NEC requirements for AEGCP Safe Cords
- Full receptacle and connector diagnostic capability
- Safe State LED indication
- Available in Indoor, Weatherproof and Watertight versions
- Internal Dust and Moisture Seal prevents migration of harmful dust and moisture intrusion
- Device Blades and Contact are Plated for better contact and service life

Industry Leading, Ericson Exclusive



Assured Equipment Grounding Connector Program

- OSHA 1926.404, compliance
- Meets AEGCP Requirements
- Tests both the receptacle and Connector
- In-Use Constant Monitoring

In-Use Monitoring of Both Power Receptacle and Connector

- Open Ground
- Open Neutral
- Neutral/Ground Swap
- Hot Ground Swap
- Hot Neutral Swap

Intuitive Color Codes



RED: Unsafe Condition



GREEN: Safe to use

PERMA-LINK™



Floating cord grip, nickel plated solid brass blades and contacts, rugged rubberized outer body

PERMA-GRIP™





Weather Resistant sealing cord grip, nickel plated solid brass blades and contacts, rugged rubberized outer body

PERMA-TITE®



Waterproof, NEMA 6P & IP69K, nickel plated solid brass blades, sealing cord grip nut design, 360° indication

NEMA Configuration Chart - Smart Monitor Plug & Connectors

Face View	NEMA Config.	Description	Amps	Volts	Perma-Link		Perma-Grip		Perma-Tite	
					Plugs	Connectors	Plugs	Connectors	Plugs	Connectors
	NEMA 5-15	Duplex Receptacle & WP Covers	15A	125V	1510-PML	1610-CML	1510-PMGL	1610-CMGL	1510-PW6PL	1610-CW6PL
	NEMA 5-20	Duplex Receptacle & WP Covers	20A	125V	1512-PML	1612-CML	1512-PMGL	1612-CMGL	1512-PW6PL	1612-CW6PL

Factory Assembled Smart Monitor® Cordsets

15 & 20-Amp, Smart Monitor® Plug & SmartMonitor® Connector

NEMA Plug	Cable Type	Cable Color	Cable Length (ft.)	NEMA Connector	Perma-Link Style Industrial Grade	Perma-Grip Style Industrial Grade Moisture & Dust Proof	Perma-Tite Style Industrial Grade Watertight
					Part Number	Part Number	Part Number
5-15P	#12/3 SOW	Yellow	25	5-15C	1510PML123A	1510PMGL123A	1510PW6PL123A
5-15P	#12/3 SOW	Yellow	50	5-15C	1510PML123B	1510PMGL123B	1510PW6PL123B
5-15P	#12/3 SOW	Yellow	100	5-15C	1510PML123D	1510PMGL123D	1510PW6PL123D
5-15P	#14/3 SOW	Yellow	25	5-15C	1510PML143A	1510PMGL143A	1510PW6PL143A
5-15P	#14/3 SOW	Yellow	50	5-15C	1510PML143B	1510PMGL143B	1510PW6PL143B
5-15P	#14/3 SOW	Yellow	100	5-15C	1510PML143D	1510PMGL143D	1510PW6PL143D
5-20P	#12/3 SOW	Yellow	25	5-20C	1512PML123A	1512PMGL123A	1512PW6PL123A
5-20P	#12/3 SOW	Yellow	50	5-20C	1512PML123B	1512PMGL123B	1512PW6PL123B
5-20P	#12/3 SOW	Yellow	100	5-20C	1512PML123D	1512PMGL123D	1512PW6PL123D

15 & 20-Amp, Industrial Plug & Smart Monitor® Connector

NEMA Plug	Cable Type	Cable Color	Cable Length (ft.)	NEMA Connector	Perma-Link Style Industrial Grade	Perma-Grip Style Industrial Grade Moisture & Dust Proof	Perma-Tite Style Industrial Grade Watertight
					Part Number	Part Number	Part Number
5-15P	#12/3 SOW	Yellow	25	5-15C	1610CML123A	1610CMGL123A	1610PW6PL123A
5-15P	#12/3 SOW	Yellow	50	5-15C	1610CML123B	1610CMGL123B	1610PW6PL123B
5-15P	#12/3 SOW	Yellow	100	5-15C	1610CML123D	1610CMGL123D	1610PW6PL123D
5-15P	#14/3 SOW	Yellow	25	5-15C	1610CML143A	1610CMGL143A	1610CW6PL143A
5-15P	#14/3 SOW	Yellow	50	5-15C	1610CML143B	1610CMGL143B	1610CW6PL143B
5-15P	#14/3 SOW	Yellow	100	5-15C	1610CML143D	1610CMGL143D	1610CW6PL143D
5-15P	#16/3 SOW	Yellow	25	5-15C	1610CML163A	1610CMGL163A	1610CW6PL163A
5-15P	#16/3 SOW	Yellow	50	5-15C	1610CML163B	1610CMGL163B	1610CW6PL163B
5-20P	#12/3 SOW	Yellow	25	5-20C	1612PML123A	1612PMGL123A	1612CW6PL123A
5-20P	#12/3 SOW	Yellow	50	5-20C	1612PML123B	1612PMGL123B	1612CW6PL123B
5-20P	#12/3 SOW	Yellow	100	5-20C	1612PML123D	1612PMGL123D	1612CW6PL123D

Custom Cordset Ordering Guide

Use the table and spaces below to customize your own Custom Cordset by checking the boxes. Once complete, please forward to your Ericson Channel & Applications Team at sales@ericson.com.

Step 1: Plug/Connection (NEMA Config.)

Choose one

- | | |
|---|--|
| <i>SmartMonitor® Plug & Connector</i> | <i>Industrial Plug & SmartMonitor® Connector</i> |
| <input type="checkbox"/> 15-Amp, 1510 | <input type="checkbox"/> 15-Amp, 1610 |
| <input type="checkbox"/> 20-Amp, 1512 | <input type="checkbox"/> 20-Amp, 1612 |

Step 2: Overall Environmental Rating

Choose one

- PML (Perma-Link Style Industrial Grade)
- PMGL (Perma-Grip Style Industrial Grade Moisture & Dust Proof)
- PW6PL (Perma-Tite Style Industrial Grade Watertight)

Step 3: Cord Size

Choose one

- 103 (#10/3 SOW)
- 123 (#12/3 SOW)
- 143 (#14/3 SOW)
- 163 (#16/3 SOW)

Step 4: Cord Length

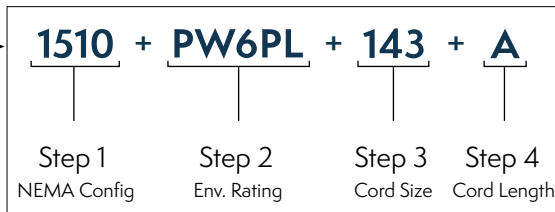
Choose one

- A (25 ft.)
- B (50 ft.)
- D (100 ft.)
- Z (Custom*)

*Use for numerical length only when "z" is used

Example:

Part# 1510PW6PL143A →
SmartMonitor® Cordset, 5-15P & 5-15C, Extreme Grade, #14/3 SOW, 25ft



Custom Cord Printing Available



Related Products:

Click on an image or scan the QR code for more product information.

Learn More



Perma-Link
1510-P, 1610-C



Perma-Tite
IP69k Water Tight
1510-PW6P, 1610-CW6P



Perma-Kleen Antimicrobial
IP69k Water Tight
1510-PW6P-AM, 1610-CW6P-AM



PWDX Series Straight
and Locking Receptacles



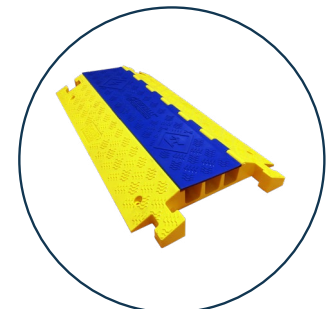
FS Series Straight
and Locking Covers



Factory Assembled
Perma-Tite Cordset



Factory Assembled
Perma-Kleen Cordset



TuffTraxx Cable and
Hose Protectors