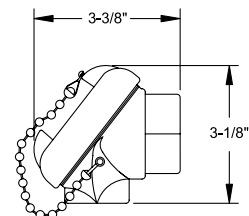# NEMA 4 & 4X REPLACEMENT HEADS AND TERMINAL BLOCKS

CAST ALUMINUM – gasketed screw cover
NEMA 4 with gasketed screw cover and stainless steel chain;
4-post ceramic terminal block included. For epoxy-coated, NEMA
4X, add suffix-E to part#. (e.g., PH01E)

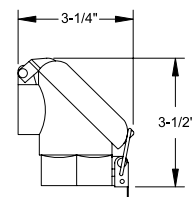| Ordering Code	Process Conn.	Conduit Conn.
PH01	1/2"	1/2"
PH02	1/2"	3/4"
PH03	3/4"	3/4"

CAST IRON – NEMA 4, gasketed screw cover
NEMA 4 with gasketed screw cover and stainless steel chain;
4-post ceramic terminal block included. For epoxy-coated, NEMA
4X, add suffix-E to part #. (e.g., PH04E)

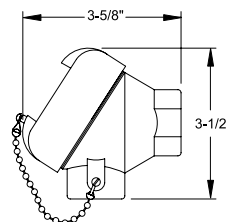| Ordering Code	Process Conn.	Conduit Conn.
PH04	1/2"	1/2"
PH05	1/2"	3/4"
PH06	3/4"	3/4"

CAST ALUMINUM – flip-top cover
NEMA 4 with flip-top cover and latching closure, 4-post ceramic
terminal block included.

Ordering Code	Process Conn.	Conduit Conn.
PH45	1/2"	3/4"

316 STAINLESS STEEL – NEMA 4X, gasketed screw cover
NEMA 4X with gasketed screw cover and stainless steel chain;
4-post ceramic terminal block included.

Ordering Code	Process Conn.	Conduit Conn.
PH47	1/2"	3/4"

BLACK POLYPROPYLENE – NEMA 4, gasketed screw cover
NEMA 4 with gasketed screw cover, 4-post ceramic terminal block
included.

Ordering Code	Process Conn.	Conduit Conn.
PH23	1/2"	3/4"

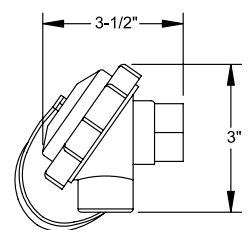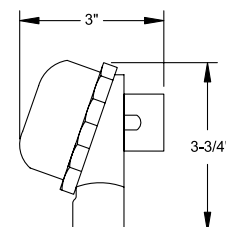### WHITE POLYPROPYLENE – NEMA 4, gasketed screw cover
NEMA 4 with gasketed screw cover and stainless steel chain;
4-post ceramic terminal block included.

Ordering Code	Process Conn.	Conduit Conn.
PH24	1/2"	3/4"

NYLON – NEMA 4, gasketed screw cover
Gasketed screw cover, 4-post ceramic terminal block included.

Ordering Code	Process Conn.	Conduit Conn.
PH26	1/2"	1/2"

CERAMIC TERMINAL BLOCK REPLACEMENTS
For NEMA 4 heads, brass terminals

Ordering Code	No. of Terminals	Max. Wire Size
PH39	2	8 AWG.
PH40	3	8 AWG.
PH41	4	8 AWG.
PH42	6	14 AWG.

3-3/8"

3-1/8"

PH01 - PH06

3-1/4"

3-1/2"

PH45

3-5/8"

3-1/2"

PH47

3-1/2"

3"

PH23 - PH24

3"

3-3/4"

PH26
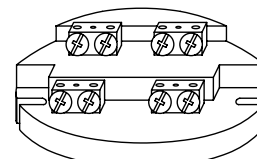
PH41

EXPLOSION-PROOF REPLACEMENT HEADS AND TERMINAL BLOCKS

CAST ALUMINUM − FM/CSA approved
FM/CSA approved for Class I, Div. 1, Groups B, C, D; Class II, Groups E, F, G; gasketed screw cover and stainless steel chain; 6-post ceramic terminal block included. For epoxy-coated, add suffix−E to part #. (e.g., PH50E)

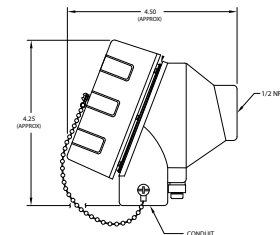| Ordering Code	Process Conn.	Conduit Conn.
PH50	1/2"	1/2"
PH51	1/2"	3/4"
PH52	3/4"	3/4"
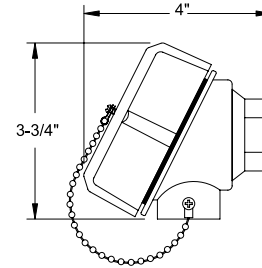
PH50-52, PH56-57

STAINLESS STEEL − FM/CSA approved
FM/CSA approved for Class I, Div. 1, Groups B, C, D; Class II, Groups E, F, G; gasketed screw cover and stainless steel chain; 6-post ceramic terminal block included.

Ordering Code	Process Conn.	Conduit Conn.
PH56	1/2"	1/2"
PH57	1/2"	3/4"

PH53

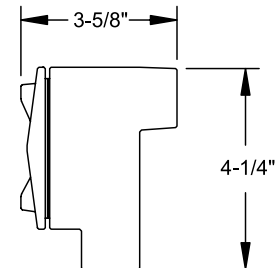### CAST ALUMINUM − ATEX approved
ATEX approved for EEx d IIC, gasketed screw cover and stainless steel chain; 3-post ceramic terminal block included.

Ordering Code	Process Conn.	Conduit Conn.
PH53	1/2"	3/4"

### CAST ALUMINUM − UL/CSA approved
UL/CSA approved for Class I, Div. 1, Groups C, D; Class II, Groups E, F, G; screw cover; 4-post plastic terminal strip included. For epoxy-coated, add suffix−E to part #. (e.g., PH17E)

Ordering Code	Process Conn.	Conduit Conn.
PH17	1/2"	1/2"
PH18	1/2"	3/4"
PH19	3/4"	3/4"

PH17-19

PLASTIC TERMINAL STRIP REPLACEMENTS
For explosion-proof heads (PH17-PH22), brass terminals

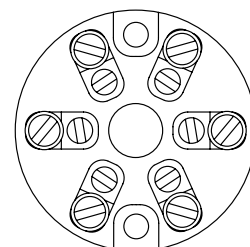| Ordering Code	No. of Terminals	Length of Strip
PH43-4	4	2.16"
PH43-6	6	2.91"
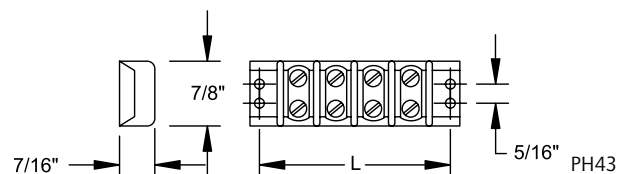
PH43

CERAMIC TERMINAL BLOCK REPLACEMENTS
For explosion-proof heads (PH50-PH52), brass terminals

Ordering Code	No. of Terminals	Max. Wire Size
PH48	3	8 AWG.
PH49	6	14 AWG.

PH49

PARTS TO CONNECT TO WIRING OR THE PROCESS

COMPRESSION FITTINGS

For 1/8" diameter sheath

Part Number	NPT	Body/Nut	Ferrule
PF38	1/8"	304 stst	304 stst
PF39	1/8"	304 stst	Teflon®
PF40	1/4"	304 stst	304 stst
PF41	1/4"	304 stst	Teflon®

For 3/16" diameter sheath

PF52	1/8"	304 stst	304 stst
PF53	1/8"	304 stst	Teflon®
PF54	1/8"	Brass	Brass
PF55	1/4"	304 stst	304 stst
PF56	1/4"	304 stst	Teflon®
PF59	1/2"	304 stst	304 stst
PF60	1/2"	304 stst	Teflon®

For 1/4" diameter sheath

PF63	1/8"	304 stst	304 stst
PF65	1/4"	304 stst	304 stst
PF66	1/4"	304 stst	Teflon®
PF67	1/4"	Teflon®	Teflon®
PF68	1/4"	Brass	Brass
PF73	1/2"	304 stst	304 stst
PF74	1/2"	304 stst	Teflon®
PF75	1/2"	Brass	Brass
PF76	1/2"	Teflon®	Teflon®

PF38 to PF75
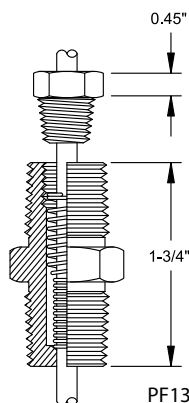
SPRING-LOADED FITTINGS

Standard, Non-sealed

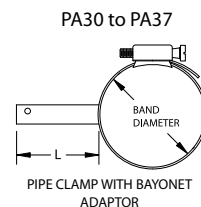| Part Number	Process Conn.	Conduit Conn.	Sensor Diameter
PF13	1/2" NPT	1/2" NPT	3/16"
PF14	1/2" NPT	1/2" NPT	1/4"
PF17	3/4" NPT	3/4" NPT	3/16"
PF18	3/4" NPT	3/4" NPT	1/4"

O-Ring Sealed*

PF21	1/2" NPT	1/2" NPT	3/16"
PF22	1/2" NPT	1/2" NPT	1/4"
PF25	3/4" NPT	3/4" NPT	3/16"
PF26	3/4" NPT	3/4" NPT	1/4"

Notes:
1. Maximum pressure rating 15 psi
2. Buna N O-ring rated for -23 to 93°C (-10 to 200°F)

0.45"

1-3/4"

PF13 to PF18

0.45"

1-3/4"

O-Ring Location
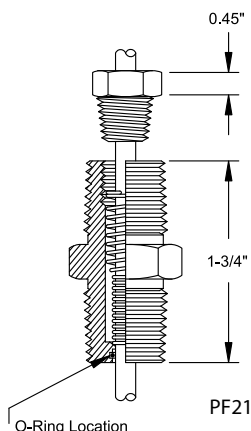
PF21 to PF26

PLUGS AND JACKS

(Note: specify J, K, E or T calibration. e.g., PT05-J)

PT05	Standard plug, rated to 177°C (350°F)
PT06	Standard jack, rated to 177°C (350°F)
PT07	High Temp. plug, rated to 260° (500°F)
PT08	High Temp. jack, rated to 260° (500°F)
PT09	Miniature plug, rated to 177°C (350°F)
PT10	Miniature jack, rated to 177°C (350°F)
PA9	Rubber boot for use with PT05/PT06
PA10	Cable clamp for PT05 to PT08
PA11	Neoprene bushing for use with PA10 to prevent wire abrasion

PT05 to PT08   PT09 to PT10

PA20 to PA24   PA30 to PA37

BAND DIAMETER

PIPE CLAMP WITH BAYONET ADAPTOR
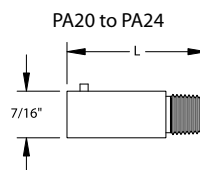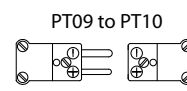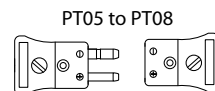
BAYONET ADAPTERS (PLATED STEEL)

Part Number	Thread Size	Length (L)
PA20	1/8" – 27 NPT	7/8"
PA21	1/8" – 27 NPT	1"
PA22	1/8" – 27 NPT	1-1/2"
PA23	1/8" – 27 NPT	2"
PA24	1/8" – 27 NPT	2-1/2"

PIPE CLAMP AND BAYONET ADAPTERS

Part Number	Band Diameter	Adapter Length (L)
PA30	1-1/4" to 2-1/4"	1"
PA31	1-1/4" to 2-1/4"	2"
PA32	2-1/4" to 3-1/4"	1"
PA33	2-1/4" to 3-1/4"	2"
PA34	3-1/4" to 4-1/4"	1"
PA35	3-1/4" to 4-1/4"	2"
PA36	4-1/4" to 5"	1"
PA37	4-1/4" to 5"	2"