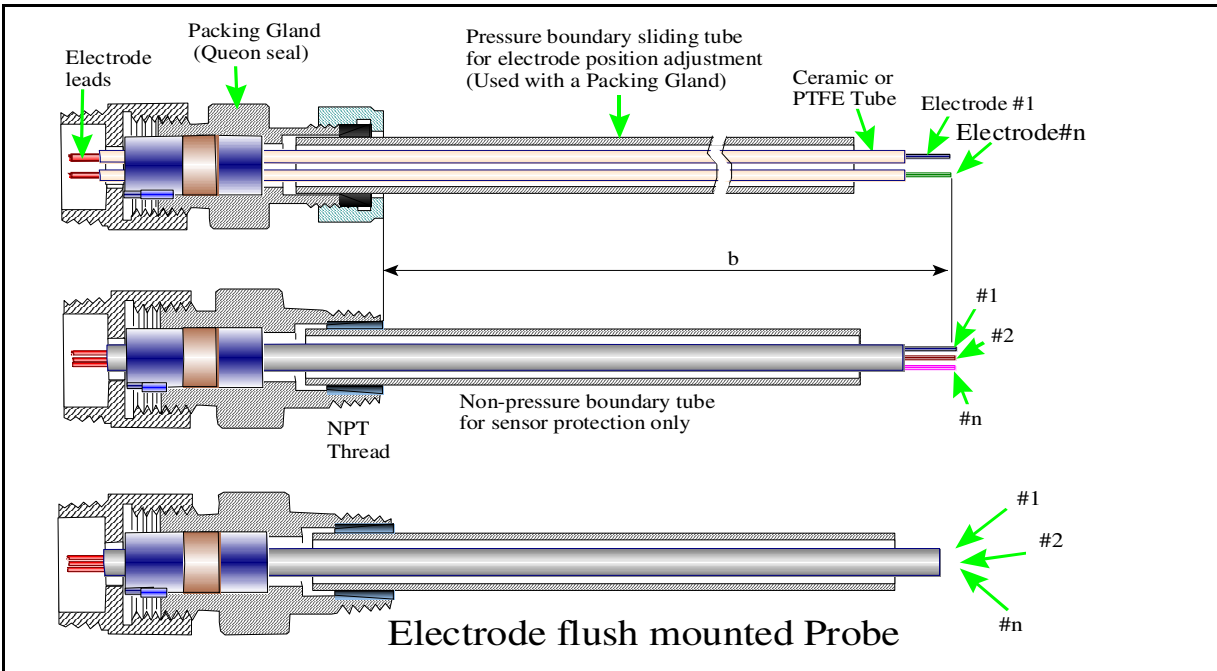


High-Temperature and High-Pressure Multielectrode Probes

High Pressure, high Temperature and high Sealability ratings. Suitable for steam and aqueous solution environments



Order ID	Insulator	Connection Type size*	Typical Packing Gland HEX Size	Upper Design Pressure+ PSI (atm)	Sealability Helium Leakage+ cc/sec	Upper Temperature++ °F (°C)
ME-n(x-c)-b-T-NPT250	PTFE	1/4" NPT	3/4	2000(136)	<2x10 ⁻⁸	580(305)
ME-n(x-c)-b-T-NPT375	PTFE	3/8" NPT	13/16	2000(136)	<2x10 ⁻⁸	580(305)
ME-n(x-c)-b-T-Tube375	PTFE	3/8" Tube	5/8	2000(136)	<2x10 ⁻⁸	580(305)
ME-n(x-c)-b-T-Tube500	PTFE	1/2" Tube	13/16	2000(136)	<2x10 ⁻⁸	580(305)
ME-n(x-c)-b-Z-NPT250	ZrO ₂	1/4" NPT	3/4	12000(815)	<2x10 ⁻⁸	1700(925)
ME-n(x-c)-b-Z-NPT375	ZrO ₂	3/8" NPT	13/16	12000(815)	<2x10 ⁻⁸	1700(925)
ME-n(x-c)-b-Z-Tube375	ZrO ₂	3/8" Tube	5/8	12000(815)	<2x10 ⁻⁸	1700(925)
ME-n(x-c)-b-Z-Tube500	ZrO ₂	1/2" Tube	13/16	12000(815)	<2x10 ⁻⁸	1700(925)
ME-n(x-c)-b-A-NPT250	Al ₂ O ₃	1/4" NPT	3/4	12000(815)	<2x10 ⁻⁸	1700(925)
ME-n(x-c)-b-A-NPT375	Al ₂ O ₃	3/8" NPT	13/16	12000(815)	<2x10 ⁻⁸	1700(925)
ME-n(x-c)-b-A-Tube375	Al ₂ O ₃	3/8" Tube	5/8	12000(815)	<2x10 ⁻⁸	1700(925)
ME-n(x-c)-b-A-Tube500	Al ₂ O ₃	1/2" Tube	13/16	12000(815)	<2x10 ⁻⁸	1700(925)

* Standard tube connectors are Swagelok® and Thread connectors are NPT. Other types are available.

+ Determined at room temperature with factory assembled NPT type glands.

++ Upper temperatures for probe seals are 446°F (230°C) for PTFE and 650°F (343°C).

Ordering Codes

x - Electrode alloy type in UNS Code
c - Dimension of sensing electrodes
n - Number of electrodes
b - Probe length

S31603, Type 316L stainless steel
 1x00, 1 mm dia, flush mounted
 16, 16 electrodes
 in inch or mm

S30400, Type 304 stainless steel
 1x10, 1 mm dia and 10 mm length
 2x10, 2 mm dia and 10 mm length

Example:

ME-16(S31603-1mmx10mm)-15"-A-Tube375: 16 electrodes (Type 316L SS: 1 mm dia by 10 mm length, probe length 15", alumina insulator, 3/8" tube connection)

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® Swagelok--Registered trademark of Swagelok Company Co.

PTFE--Polytetrafluoroethylene