

Robertshaw

TENNESSEE

A SIEBE COMPANY

PRODUCT SPECIFICATION 150-KB-284
AND 150-KB-285

High Temperature/Pressure Probe Non-Insulated 150-KB-284 (Flexible) 150-KB-285 (Rigid)

GENERAL DESCRIPTION

These high pressure/temperature non-insulated probe assemblies utilize a one-piece gland construction and ceramic insulator bushings so as to withstand cyclic as well as continuous high pressures. Pressure sealing surfaces are maintained under compression by parallel spring washers.

On the 150-KB-284 (flexible) model, the stainless steel flexible cable has a swaged threaded termination for connection into gland assembly.

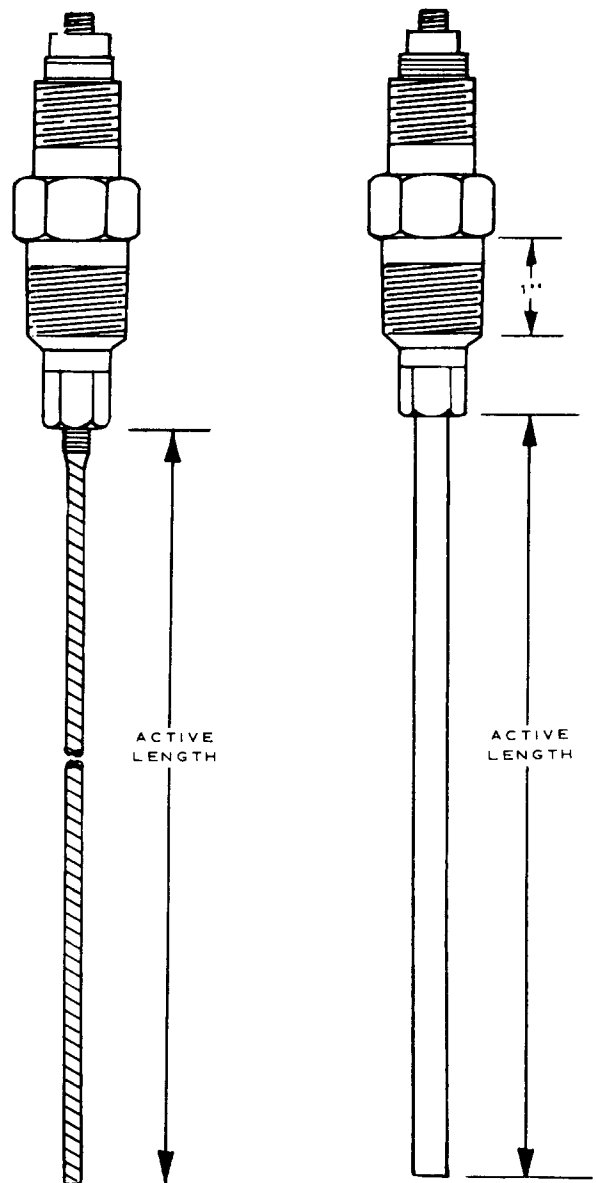
On the 150-KB-285 (rigid) model, positive retention of the probe rod in the gland is provided by a boss which prevents the rod from coming through the gland even under pressures in excess of rated.

APPLICATION

Intended for severe pressure and/or temperature service, these probes may be used with either the Level-Tek or Level-Tel in non-conductive material applications.

SPECIFICATIONS

<i>Minimum length</i>	12" (flexible) 3" (rigid)
<i>Maximum length</i>	100' (flexible) 96" (rigid)
<i>Probe mounting</i>	3/4" NPT
<i>Probe materials</i>	316 stainless steel
<i>Flexible probe cable diameter</i>	1/8" O.D.
<i>Rigid probe rod diameter</i>	1/4"
<i>Maximum pressure/temperature</i>	5000 psi @ 70° F. 4000 psi @ 500° F. 3000 psi @ 1000° F.
<i>Flexible probe maximum cable tensile loading</i>	100 lbs. @ 1000 psi 500 lbs. @ zero psi



150-KB-284

150-KB-285

ORDERING INFORMATION

150-KB-284 -- XX

Base Number _____
Active Length "L" in feet _____

Part No.	Description
150-KB-284-XX	High pressure/temperature probe, non-insulated, flexible

150-KB-285 -- XX

Base Number _____
Active Length "L" in inches _____

Part No.	Description
150-KB-285-XX	High pressure/temperature probe, non-insulated, rigid

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