



High Temperature/Pressure Probe

Non-Insulated 150KB284 (Flexible) 150KB285 (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 150KB284 (flexible) model, the stainless steel flexible cable has a swaged threaded termination for connection into gland assembly.

On the 150KB285 (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.

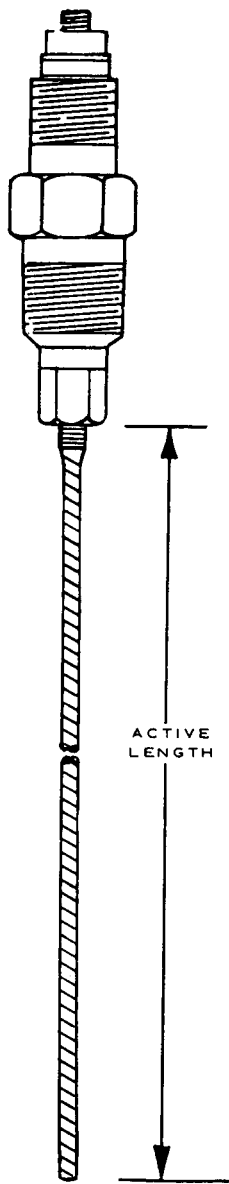
APPLICATION

Intended for severe pressure and/or temperature service, these probes may be used with either the Level-Tek, Level-Tel, Level-Lance or Excalibur 7000 in non-conductive material applications.

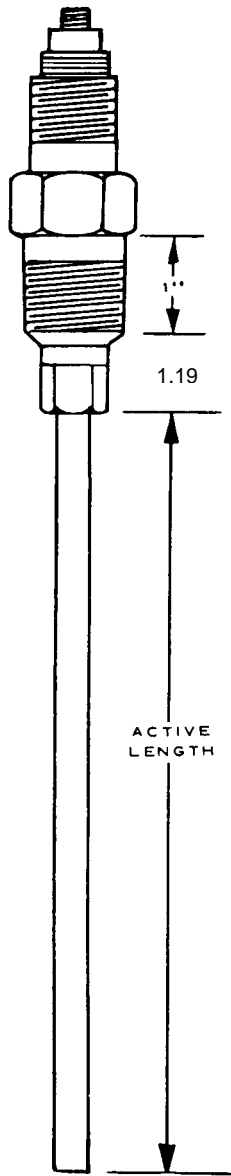
SPECIFICATIONS

<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 (wetted parts)</i> 300 series stainless steel with ceramic spacers and copper seals
<i>Flexible probe cable diameter</i> 1/8" O.D.
<i>Rigid probe rod diameter</i> 1/4"
<i>Max pressure/ temperature (liquids)</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

Base Number 150KB284 - XX
 Active Length "L" in feet _____

Part No.	Description
150KB284-XX	High pressure/ temperature probe, non-insulated, flexible

ORDERING INFORMATION

Base Number 150KB285 - XX
 Active Length "L" in inches _____

Part No.	Description
150KB285-XX	High pressure/ temperature probe, non-insulated, rigid



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