Measurement made easy

External Chamber
K-TEK Products

Features
- Provides for easy isolation from process vessel
- Use with AT100, MT2000, MS50 or A38 transmitters to replace conventional displacer type transmitters and controllers
- Use with MS50 for externally caged float switch
- Designed to ANSI B31.1, B31.3 as applicable
- Certification to NACE MRO175 available
SAMPLE APPLICATIONS:

EC w/ MS50 for High Level Alarm

EC w/ AT100 for Liquid to Liquid Interface Level Measurement

KM26 w/ EC & MT5000 For Redundant Level Indication & Measurement

ORDERING INFORMATION

EC/a/b/cdefg/h/i:

/a Material of Construction
   CST  Carbon Steel
   SS4  304L Stainless Steel
   SS6  316L Stainless Steel
   HSC  Hastelloy C-276
   OTH  Contact Factory for Availability

/b Chamber Size
   2  2” NPS (MT2000 / A38 Transmitter Only)
   2.5 2.5” NPS
   3  3” NPS
   4  4” NPS
   6  6” NPS

/cdefg Chamber Connection Configuration (See Configuration Drawing on Back Page)
   c  Top Connection
   d  Top Vent Connection
   e  Top Side Process Connection
   f  Bottom Side Process Connection
   g  Bottom Connection

/h Connection Size
   xx  Refer to Doc. COI/KM26-EN For Codes (Sections: Design Configuration & Connection Size and Rating)

/i Measuring Length
   x  Length in Inches, Meters or Millimeters
QUOTATION REQUEST:

Tel: (1) 225-673-6100 / 800-735-5835 Fax: (1) 225-673-2525 E-mail: quotes.ktek@us.abb.com

Rep. Firm ____________________________________________ Contact __________________________________________________________________
Phone # ___________________________ Fax # ____________________
E-mail ____________________________________________
Customer ____________________________________________ Contact __________________________________________________________________
Phone # ____________________________________________ Fax # ____________________________________________
E-mail ____________________________________________

Additional Notes or Comments: __________________________________________________________________

Process Conditions:

Qty ________ EC Application for (circle one): Total Level Interface Level Both Total & Interface
Dielectric Constant ________ Fluid(s) ________
Operating Temp ________ Max Temp ________ Operating Press ________ Max Press ________

Chamber Details:

Chamber Material ____________________________________________ Flange Material ________
Top Connection Type ________ Size ________ Rating ________
Center to Center/Measuring Length ________ Vent/Drain Type & Size ________

Accessories:

Furnish with (circle one): AT100 A38 MS50 KCAP300 KCAP400 MT5000 Other ________
Process Connection Type ________ Size ________ Rating ________

Additional Notes or Comments: __________________________________________________________________

SAMPLE PART NUMBER (as shown above) EC/SS6/3/D1C1FEFEW2/SC73-WR11/24":
External Chamber, 316/316L Stainless Steel Construction, Top Blind Flange with Mating Weld Neck Flange with FNPT, Top Side Vent 3/4", 3000# Socket Weld Coupling, 2 ea. Process Connections of 1 inch, 150# Weld Neck Flanges with Extruded Outlets, Bottom Flat Cap with 1/2", 3000# NPT drain plug

Additional Notes or Comments: __________________________________________________________________

Refer to Doc. COI/KM26-EN for details on connection types

Data sheet | EC Level Measurement Accessory 3
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