JERGUSON®
A PRODUCT OF CLARK-RELIANCE

Application Sheet
JMT Series
Gage Mount

Section: M200
Bulletin: M200.03
Date: 05/2023

Today's Date: _____ Requested Delivery Date: _____ Completed By: _____

Representative: _____ Customer: _____

Telephone Number: _____ Email: _____

MLG

☐ Jerguson (SN, if existing[1]): _____

☐ Other Mfg.[1,2]: _____

Tag No: _____

Include M200.02 Application Sheet to update to Jerguson Float & Indicator.

Application

Operating Temperature[3,4,5]: _____ ☐ °F ☐ °C
(-70°F) - 700°F / (-18 °C) - 372 °C

Measuring Range (MR)[3]: _____

Enclosure Mat'l: ☐ Aluminum (default) ☐ 316 SS

Enclosure Orientation (select one):
☐ Top Left ☐ Top Right ☐ Bot Left ☐ Bot Right

Top-Left: Default for all process conditions, except high temp[4,5]
Bot-Left: Default for process condition high temp[5]

Hot Insulation[5]: ☐ Thickness: _____

Cold Insulation / Icing[4]: ☐ Thickness: _____

High Vibration: ☐

Level (Select One): ☐ Single ☐ Dual[6]

If Dual, Supply Upper Float Ht.[7]: _____

Area Classification (Select One):

☐ North American Explosion Proof / Flameproof (IP66/Type 4X)
☐ North American Intrinsic Safety (IP66/Type 4X)
☐ ATEX / IECEx Flameproof (IP66/Type 4X)
☐ ATEX / IECEx Intrinsic Safety (IP66/Type 4X)
☐ Ordinary Location (IP66/Type 4X)

Chamber Info[1]

Chamber Size (NPS): ☐ 2.0" ☐ 2.5" ☐ 3.0" *Or OD* _____

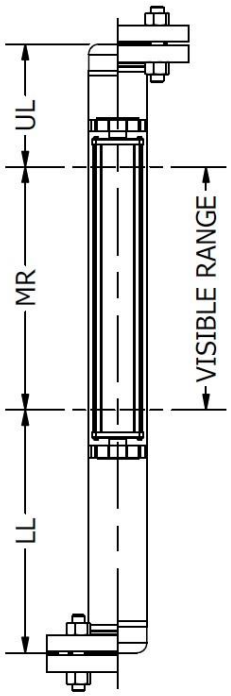
Chamber End-Flange: ☐ Bottom ☐ Top ☐ Both

UL[7]: _____ LL[7]: _____

UL: Upper Leg of chamber, above 'Measuring Range.'

LL: Lower Leg of chamber, below 'Measuring Range.'

Flange Class: _____ Weld Neck Chamber Flanges? ☐

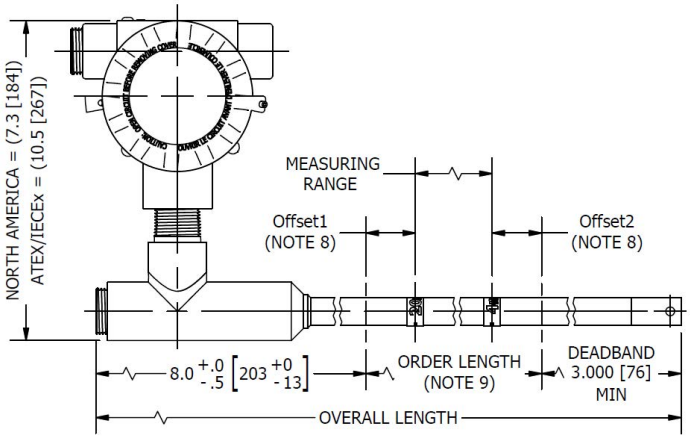


Retrofit Applications:

(See figures to the left & below.)

To ensure a proper fit, please refer to the figures, dimensions, & app. notes below. Proper clearance is required along the gage, & a capped end is required where the fit/application requires that the tee extend beyond the gage.

Any obstruction (IE: bolting, bracketing, etc.) reducing available clearance, may result in a loss of 'Measuring Range'.



Notes:

1) 'Chamber Info' section required for either 'Other Mfg' or 'Existing Jerguson' (when S/N not supplied).
2) Unit may require 1-point calibration &/or trimming in the field, w/ competitor float.
3) When blank, & SN provided, original conditions applied. Required otherwise.
4) Temperatures below 0 °F / (-18 °C), or w/ either cold insulation or icing, require a cryowell. Enclosure/Tee shall be extended past the capped end (required) of the gage, mounted beyond any insulation/icing.
5) High temperature applications, above 350°F / 176°C, require insulation, installed between transmitter and gage, such that ambient does not exceed unit rating (140°F / 60°C).
6) Monitoring dual floats at DCS/PLC simultaneously requires HART communication.
7) Obstruction(s), beyond listed flange class & style, restricting transmitter access/mounting to this dimension, shall be noted.
8) For standard construction, "Offset1" & "Offset2" are ~2.0" [51mm] each, or similar to make 'Order Length' a whole number. Additionally, either, or both, offsets may be a) reduced for tight installations, b) increased, based on temperature &/or insulation/icing.
9) "Order Length" is a whole number (no fractions/decimals), equaling "Measuring Range"+"Offset1"+"Offset2".

16633 Foltz Parkway ● Strongsville, OH 44149 USA Telephone: (440) 572-1500 ● Fax: (440) 238-8828
www.clark-reliance.com ● sales@clark-reliance.com