



MODEL NUMBER

TWIN ROD PROBE

Models available for quick shipment, usually within one week after factory receipt of a complete purchase order, through the Expedite Ship Plan (ESP).

BASIC MODEL NUMBER – GWR probe for in-tank mounting only

7 * B	Twin Rod GWR probe	$\epsilon_r \geq 1.9$ - WHG approved
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*Specify "E" for English (e.g., 7EB) or "M" for Metric (e.g., 7MB)

MATERIAL OF CONSTRUCTION – wetted parts (including process connection flange when applicable)

A	316/316L (1.4401/1.4404) stainless steel with Teflon® spacers
B	Hastelloy C (2.4819) with TFE spacers
C	Monel (2.4360) with TFE spacers
J	316/316L SS NACE Construction

PROCESS CONNECTION – SIZE/TYPE

Threaded

4 1	2" NPT Thread
4 2	2" BSP (G2) Thread

ANSI Flanges

5 3	3" 150# ANSI Raised Face Flange
5 4	3" 300# ANSI Raised Face Flange
6 3	4" 150# ANSI Raised Face Flange
6 4	4" 300# ANSI Raised Face Flange

EN/DIN Flanges (consult factory for DN 50 process connections)

E A	DN 80, PN 16	EN 1092-1 Type A
E B	DN 80, PN 25/40	EN 1092-1 Type A
E D	DN 80, PN 63	EN 1092-1 Type B2
F A	DN 100, PN 16	EN 1092-1 Type A
F B	DN 100, PN 25/40	EN 1092-1 Type A
F D	DN 100, PN 63	EN 1092-1 Type B2

Torque Tube Mating Flanges ①

T T	600# Fisher (249B/259B) in carbon steel –	as per dimensions of Figure 1 on page 11
T U	600# Fisher (249C) in stainless steel –	as per dimensions of Figure 2 on page 11
U T	600# Masoneilan flange in carbon steel –	as per dimensions of Figure 3 on page 11
U U	600# Masoneilan flange in stainless steel –	as per dimensions of Figure 3 on page 11

PROCESS SEAL – O-RING MATERIAL ⑤

0	Viton GFLT seal – for universal use	-40° F (-40° C) / +400° F (+200° C)
2	Kalrez 4079 seal – for aggressive media③	-40° F (-40° C) / +400° F (+200° C)
8	Aegis PF 128 seal – for NACE applications	-4° F (-20° C) / +400° F (+200° C)

INSERTION LENGTH

24 to 240 inches (60 to 610 cm)
(unit of measure is determined by second digit of Model Number)
Examples: 24 inches = 024; 60 centimeters = 060

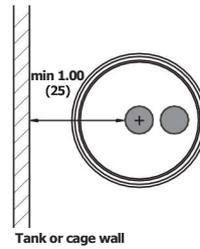
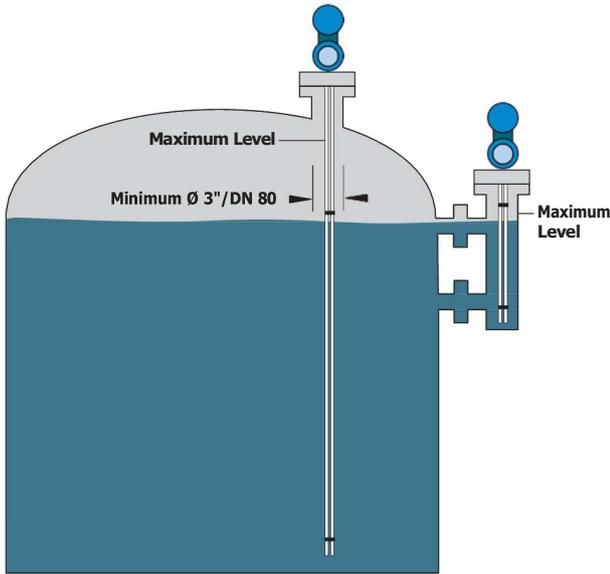
- ① Always check dimensions if ANSI/DIN flanges are not used.
- ⑤ Consult factory for alternative o-ring materials. Consult factory for HF Acid applications.
- ③ For ammonia/chlorine applications use the 7xD GWR probe.



TWIN ROD PROBE MOUNTING

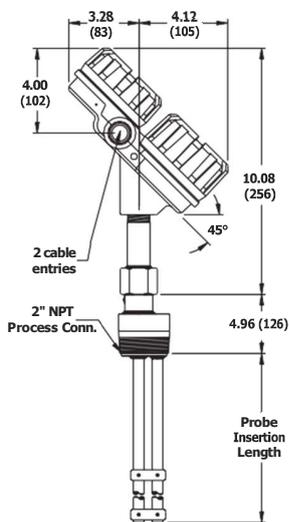
OVERFILL SAFE & OVERFILL PROTECTION

ECLIPSE Twin Rod GWR probes utilize software algorithms to ignore level readings in the transition zone at the top of the GWR probe. The maximum level is 6" (150 mm) below the process connection. This may include utilizing a nozzle or spool piece to raise the probe. Twin rod probes are overfill proof certified but not overfill safe in use.

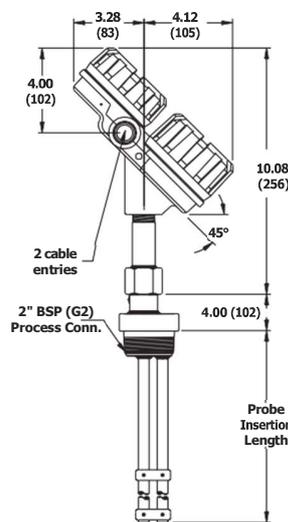


TWIN ROD PROBE DIMENSIONS

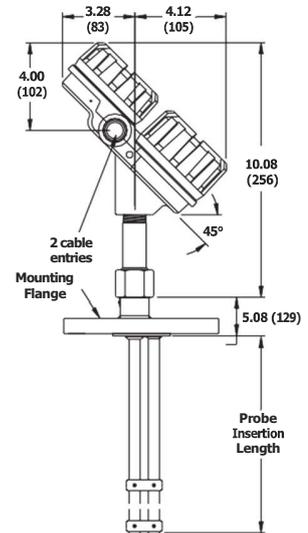
INCHES (mm)



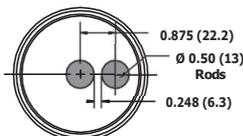
7xB
with threaded
2" NPT connection



7xB
with threaded
2" BSP (G2) connection



7xB
with flanged
connection



Twin Rod GWR Probe,
end view



www.bennypass.com