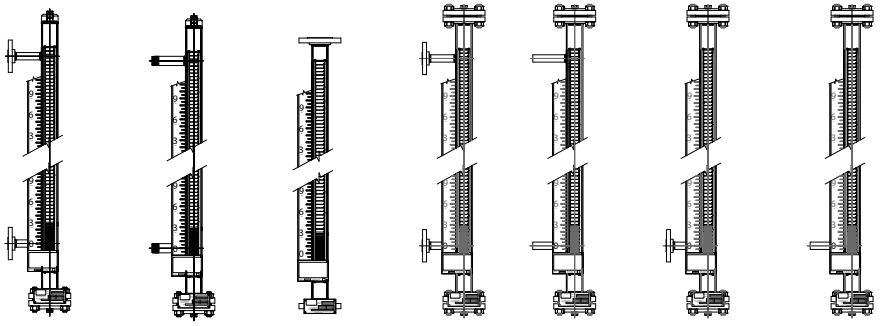
Endress+Hauser
VAR PARTNER

MAGNE-TRAC PLUS
(MTP)

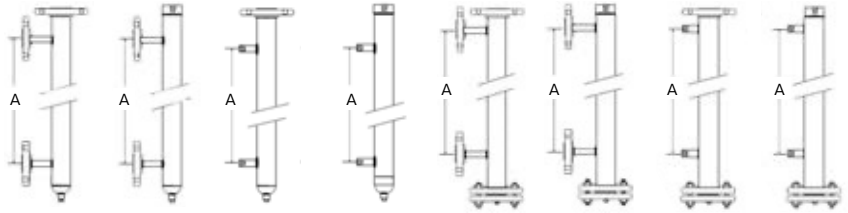
The **Questtec Solutions** Magne-Trac Plus combines the Magne-Trac magnetic level gage with the Bridle-Trac bypass chamber. It may be used with our VAR Partner E&H GWR or customer specified radar for redundant level measurement. See page 4 for listing of our partners GWR models. The Magne-Trac Plus is recommended in applications that require both visual and electronic level viewing.

MT STYLES



STYLE A | STYLE B | STYLE C | STYLE D | STYLE E | STYLE F | STYLE G

BRIDLE STYLES

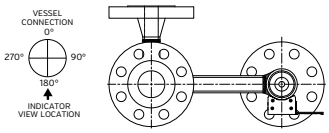


CHAMBER (1) | CHAMBER (2) | CHAMBER (3) | CHAMBER (4) | CHAMBER (5) | CHAMBER (6) | CHAMBER (7) | CHAMBER (8)

MTP ORIENTATION
(ONLY 1 ACCESSORY ALLOWED PER POSITION)

INDICATOR	AT TRANSMITTER	SWITCHES
○ 90°	○ 90°	○ 90°
○ 180°	○ 180°	○ 180°
○ 270°	○ 270°	○ 270°

Note: Overall length will always be greater than measuring length (ML). Please specify if a max overall length is required.



MTP

MAGNE-TRAC™ PLUS

MLI MATERIAL
4S = 304 SS
4C = 304 SS/CS
6S = 316 SS
6C = 316 SS/CS
MN = Monel
TI = Titanium
HC = Hastelloy C
CP = CPVC
CS = Customer Specified

MLI / BRIDLE STYLE
AX = See Charts (Std.)
BX = See Charts
CX = See Charts
DX = See Charts
EX = See Charts
FX = See Charts
GX = See Charts
ZZ = Cust. Specified

VESSEL CONNECTION
04 = 1/2''
06 = 3/4''
08 = 1"
10 = 1¼"
12 = 1½"
16 = 2"
20 = 2½"
24 = 3"
32 = 4"
CS = Customer Specified

TOP BRIDLE CONNECTION
06 = 3/4''
08 = 1"
10 = 1¼"
12 = 1½"
16 = 2" (Std.)
20 = 2½"
24 = 3"
CS = Cust. Specified

FLANGE CLASS
01 = 150#
03 = 300#
04 = 400#
06 = 600#
09 = 900#
15 = 1500#
25 = 2500#
CS = Customer Specified
(All Styles Use a Flange for End Closure)

SPECIFIC GRAVITY

MAXIMUM PRESSURE

MAXIMUM TEMPERATURE

"C–C" DIMENSION

These parameters must be based on Maximum Operating Conditions and are the basis for Float construction.

INDICATOR STYLE
WF = Wide Flag
ST = Follower
HF = High Temp Flag
XX = None

VENT/DRAIN
XX = None
XA = ½'' Vent or Drain
XB = ¾'' Vent or Drain
XC = 1'' Vent or Drain
AA = ½'' Top Vent & ½'' Drain (NPT)
BB = ¾'' Top Vent & ¾'' Drain (NPT)
CC = 1'' Top Vent & 1'' Drain (NPT)
AB = ½'' Top Vent & ¾'' Drain (NPT)
AC = ½'' Top Vent & 1'' Drain (NPT)
BA = ¾'' Top Vent & ½'' Drain (NPT)
BC = ¾'' Top Vent & 1'' Drain (NPT)
CA = 1'' Top Vent & ½'' Drain (NPT)
CB = 1'' Top Vent & ¾'' Drain (NPT)
CS = Customer Specified

BRIDLE CHAMBER SIZE
16 = 2'' (Std.)
24 = 3''
32 = 4''
CS = Cust. Specified

BRIDLE MATERIAL
3C = A105 CS
4S = 304 SS
6S = 316 SS
MN = Monel
TI = Titanium
HC = Hastelloy C
CP = CPVC
CS = Cust. Specified

RADAR
Z = No Radar
Gx = Guided Wave
F = Free Space

OPTIONS

CHAMBER
SC = Special Coating
SO = Slip on Flanges
IV = Inverted Chamber
WN = Weld Neck Flanges
SL = Stub End/Lap Joint Flanges
RJ = Ring Joint Flanges
BW = All Butt Weld Construction
X1 = Customer Specified
BF = Breakout Flange
BS = Bracket Support
PT = Particle Trap

SCALE/INDICATOR
MS = Metric Scale
PS = Percentage Scale
NS = Negative Scale
SH = SS Indicator Housing
SS = Custom Scale (specify)
DI = Dual Indication
IF = Interface Indication
AR = Arrow Pointers

TEMP CONTROL
CI = Cryogenic Insulation w/ Frost Extension
HB = High Temp Insulation Blanket
EH = Electrical Heat Tracing
FP = Freeze Protection (Electrical)
ST = Steam Tracing
VD = Vent & Drain Valves (Specify Type)
IS = Isolation Valves (Specify Type)

TESTING/MATERIAL
AS = ASME "S" Stamp
AU = ASME "U" Stamp
B1 = ASME B31.1
B3 = ASME B31.3
CRN = ABSA Certifications
NM = NACE MR0175 Cert., 316 SS Bolting Access Flange

TRANSMITTER/ SWITCHING
MT = Magnetostrictive Transmitter
RX = Reed Switches (Specify Amperage)
LG = Level Gage

Note: Spiral wound gasket is standard on access flange.