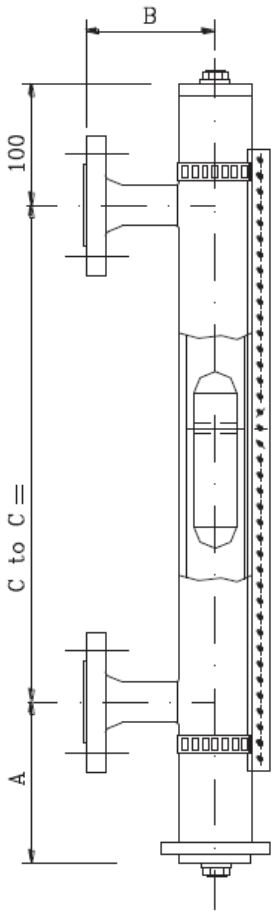
[Pointer D10-70] Magnetic Level Gauge

(Max pressure 10 bar, 70lbs)

TECHNICAL SPECIFICATIONS	
Model	D-10 / D-70
Material	Stainless steel 316L (1.4404)
Pipe	60.3 x 2 mm
Pressure	Max. 10 bar / 70 lbs
Temperature Max.	Max. 160 °C
C. to C.	Max. 5500 mm (for longer C. to C. see pointer D-16)
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 15 – DN 32 / PN 16 B = 75 mm ANSI ½" – 1¼" 150# RF B = 85 mm Weld or thread (Male / Female) ½" – 1" B = 75 mm DN 40 – DN 50 and ANSI 1.1/2" – 2" on 1" pipe B = 130 mm
Drain	¼", ½" or ¾" plug BSP or NPT ¼", ½" or ¾" with ballvalve
Drain gasket	EPDM, NBR, FPM
Vent	¼", ½" or ¾" plug BSP or NPT G 2" stop
Float	From density min. 380 kg/m3
Drain length	Density min. 940 kg/m3 A = 200 mm (*) Density min. 830 kg/m3 A = 235 mm (*) Density min. 720 kg/m3 A = 285 mm (*) Density min. 660 kg/m3 A = 340 mm (*)
Extra support	C. to C. > 3 meter for offshore C. to C. > 4 meter for onshore
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard lay-out PED marking till mod. III std.
Certificates	Material EN 10204 3.1 + drawing Pressure test acc. HADRO standard GL, LRS or BV certificate
Special	Electrical tracing

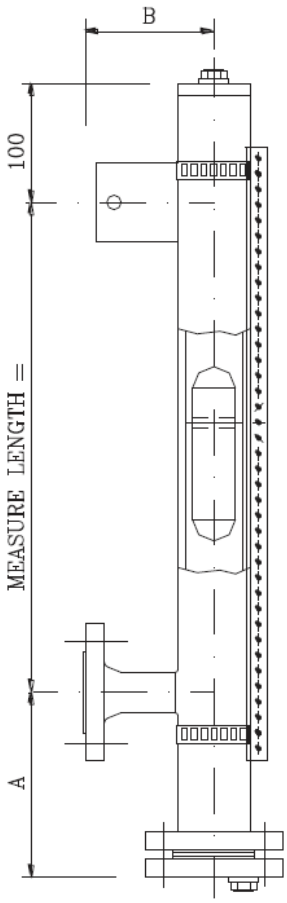


(*) special (shorter) drain length available on request

[Pointer D16-150] Magnetic Level Gauge

(Max pressure 16 bar, 150lbs)

TECHNICAL SPECIFICATIONS	
Model	D-16 / D-150
Material	Stainless steel 316L (1.4404), Stainless steel 304, PP, PVC, PVDF, Monel, Titanium, Hastelloy
Pipe	60.3 x 2 mm
Pressure	Max. 16 bar / 150 lbs
Temperature Max.	Max. 400 °C
C. to C.	Till 5500 mm in 1 piece, longer out more pieces
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 15 – DN 32 / PN 16 B = 75 mm ANSI ½" – 1¼" 150# RF B = 85 mm Weld or thread (Male / Female) ½" – 1" B = 75 mm DN 40 – DN 50 and ANSI 1.1/2" – 2" on 1" pipe B = 130 mm
Drain	¼", ½" or ¾" plug or valve BSP or NPT Side entry as above
Drain gasket	PTFE, Aramide, Graphite, spiral wound
Vent	¼", ½" or ¾" plug BSP or NPT Flange DN 25 / PN 16 (as drain)
Float	From density min. 380 kg/m3
Drain length	Density min. 940 kg/m3 A = 210 mm (*) Density min. 830 kg/m3 A = 245 mm (*) Density min. 720 kg/m3 A = 295 mm (*) Density min. 660 kg/m3 A = 350 mm (*)
Extra support	C. to C. > 3 meter for offshore C. to C. > 4 meter for onshore
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard lay-out PED marking till mod. III std.
Certificates	Material EN 10204 3.1 + drawing Pressure test acc. HADRO standard GL, LRS or BV certificate NACE MR 01.75 / ISO 15156 II 1/2G c IIC T1… T6 II 1 D Txx °C KEMA 10ATEX0199 X
Special	Insulation, steamjacket, spring, electrical tracing

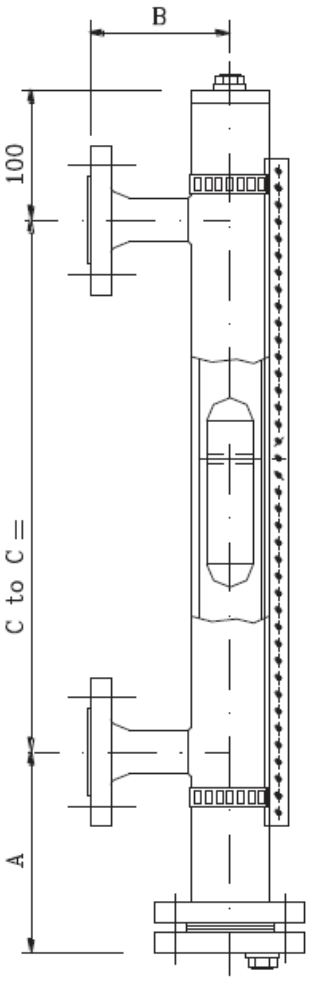


(*) special (shorter) drain length available on request

[Pointer D40-300] Magnetic Level Gauge

(Max pressure 40 bar, 300lbs)

TECHNICAL SPECIFICATIONS	
Model	D-40 / D-300
Material	Stainless steel 316L (1.4404), Stainless steel 304, PP, PVC, PVDF, Monel, Titanium, Hastelloy
Pipe	60.3 x 2 mm
Pressure	40 bar / 300 lbs
Temperature Max.	Max. 400 °C
C. to C.	Till 5500 mm in 1 piece, longer out more pieces
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 15 – DN 32 / PN 40 B = 75 mm ANSI ½" – 1¼" 300# RF (RTJ) B = 85 mm Weld or thread (Male / Female) ½" – 1" B = 75 mm DN 40 – DN 50 and ANSI 1.1/2" – 2" on 1" pipe B = 130 mm
Drain	¼", ½" or ¾" plug or valve BSP or NPT Side entry as above Extra flange acc. to DIN or ANSI
Drain gasket	PTFE, Aramide, Graphite, spiral wound
Vent	¼", ½" or ¾" plug BSP or NPT Flange DN 50 / PN 40 or ANSI 2" 300# RF Flange DN 25 / PN 40 (as drain)
Float	From density min. 380 kg/m3
Drain length	Density min. 940 kg/m3 A = 210 mm (*) Density min. 830 kg/m3 A = 245 mm (*) Density min. 720 kg/m3 A = 295 mm (*) Density min. 660 kg/m3 A = 350 mm (*)
Extra support	C. to C. > 3 meter for offshore C. to C. > 4 meter for onshore
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard lay-out in stainless steel PED marking till mod. III std.
Certificates	Material EN 10204 3.1 + drawing Pressure test acc. HADRO std or Lloyds GL, LRS or BV certificate NACE MR 01.75 / ISO 15156 WPS/PQR standard material II 1/2G c IIC T1 … T6 II 1 D Txx °C KEMA 10ATEX0199 X
Special	Insulation, steamjacket, spring, electrical tracing



Pointer D

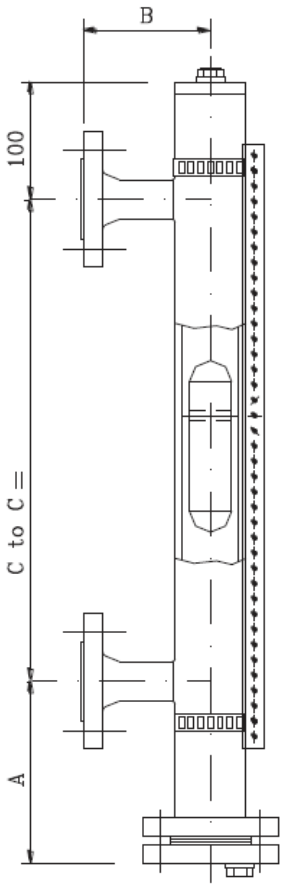
(*) special (shorter) drain length available on request

[Pointer D64+]

Magnetic Level Gauge

(Max pressure 250 bar, 1500lbs)

TECHNICAL SPECIFICATIONS	
Model	D-64 / D-100 / D-160 / D-600 / D-900 / D-1500 / D-2500
Material	Stainless steel 316L (1.4404) / 316Ti (1.4571)
Pipe	60.3 x 2.77 mm / 60.3 x 3.2 / 60.3 x 3.91 mm
Pressure	Up to max. 250 bar
Temperature Max.	Max. 450 °C
C. to C.	Till 5500 mm in 1 piece, longer out more pieces
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 15 – DN 32 / PN 100 – PN 160 B = 75 mm ANSI ½" – 1¼" 600# – 2500# RF – RTJ B = 85 mm Weld or thread (Male / Female) ½" – 1" B = 75 mm DN 40 – DN 50 and ANSI 1.1/2" – 2" on 1" pipe B = 130 mm
Drain	¼", ½" or ¾" plug BSP or NPT ¼", ½" or ¾" with valve Extra flange acc. to DIN or ANSI
Drain gasket	PTFE, Aramide, Graphite, spiral wound
Vent	¼", ½" or ¾" plug BSP or NPT Flange DN 50 or ANSI 2" Same as drain
Float	From density min. 590 kg/m3
Drain length	A = depending on pressure and temperature
Extra support	C. to C. > 3 meter for offshore C. to C. > 4 meter for onshore
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard lay-out in stainless steel PED marking till mod. III std.
Certificates	Material EN 10204 3.1 + drawing Pressure test acc. HADRO standard Pressure test acc. Lloyds basis GL, LRS or BV certificate NACE MR 01.75 / ISO 15156 WPS/PQR standard material II 1/2G c IIC T1… T6 II 1 D Txx °C KEMA 10ATEX0199X
Special	Insulation, spring, electrical tracing



(*) special (shorter) drain length available on request

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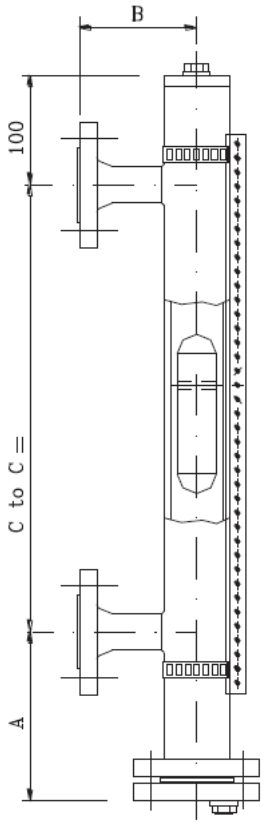
[D-40C / D-300C] Magnetic Level Gauge

(For cold applications)

TECHNICAL SPECIFICATIONS	
Model	D-40C / D-300C
Material	Stainless steel 316L (1.4404)
Pipe	63.5 x 1.5 mm
Pressure	Up to max. 30 bar
Temperature Max.	Max. 100 °C
C. to C.	Max. 5500 mm
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 15 – DN 32 / PN 16 – PN 40 (M / V) B min= 75 mm ANSI ½" – 1¼" 150# – 300 # RF (RTJ) B min= 85 mm Weld or thread (Male / Female) ½" – 1" B min= 75 mm DN 40 – DN 50 and ANSI 1.1/2" – 2" on 1" pipe B min= 130 mm
Drain	¼", ½" or ¾" plug BSP or NPT ¼" or ½" with ballvalve Extra flange acc. to DIN or ANSI
Drain gasket	PTFE, Aramide, Graphite, spiral wound
Vent	¼", ½" or ¾" plug BSP or NPT Flange DN 50 / PN 40 or ANSI 2" 300# RF Flange DN 25 / PN 40 (as drain)
Float	From density min. 380 kg/m3
Drain length	Density min. 940 kg/m3 A = 210 mm (*) Density min. 830 kg/m3 A = 245 mm (*) Density min. 720 kg/m3 A = 295 mm (*) Density min. 660 kg/m3 A = 350 mm (*)
Extra support	C. to C. > 3 meter for offshore C. to C. > 4 meter for onshore
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard lay-out in stainless steel PED marking till mod. III std.
Certificates	Material EN 10204 3.1 + drawing Pressure test acc. HADRO standard Pressure test acc. Lloyds basis GL, LRS or BV certificate NACE MR 01.75 / ISO 15156 WPS/PQR standard material II 1/2G c IIC T1… T6 II 1 D Txx °C KEMA 10 ATEX0199 X
Special	Armaflex insulation, PER insulation, restriction, spring

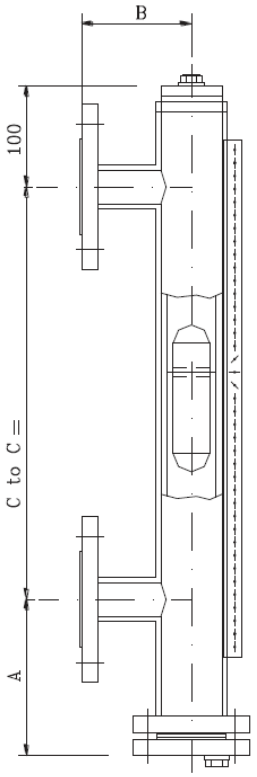


(*) special (shorter) drain length available on request

[D16 - 300M]

Magnetic Level Gauge
(With jacket for heating or cooling)

TECHNICAL SPECIFICATIONS	
Model	D-16M / D-40M / D-150M / D-300M
Material	Stainless steel 316L (1.4404)
Pipe	60.3 x 2 mm and 70 x 2 mm
Pressure	Inner pipe max. 50 bar / 300 lbs – Jacket max. 10 bar
Temperature Max.	Max. 200 °C
C. to C.	Max. 5500 mm
Indication rail	Polycarbonate (max. temp. 105 °C, temporary 120 °C) Aluminium with SS316 flaps Stainless steel 316
Process connection	DIN DN 15 – DN 32 / PN 40 B = 120 mm ANSI ½" – 1¼" 150# – 300# RF B = 120 mm Weld or thread (Male / Female) ½" – 1" B = 120 mm DN 40 – DN 50 and ANSI 1.1/2" – 2" on 1" pipe B = 150 mm
Jacket connection	See process connection
Drain	¼", ½" or ¾" plug BSP or NPT ¼" or ½" with valve Extra flange acc. to DIN or ANSI
Drain gasket	PTFE, Aramide, Graphite, spiral wound
Vent	¼", ½" or ¾" plug BSP or NPT Flange DN 50 / PN 40 or ANSI 2" 300# RF Flange DN 25 / PN 40 (as drain)
Float	From density min. 450 kg/m3
Drain length	Density min. 940 kg/m3 A = 210 mm (*) Density min. 830 kg/m3 A = 245 mm (*) Density min. 720 kg/m3 A = 295 mm (*) Density min. 660 kg/m3 A = 350 mm (*)
Extra support	C. to C. > 3 meter for offshore C. to C. > 4 meter for onshore
Pointers	High & Low in stainless steel
Marking	Tag plate acc. to standard lay-out in stainless steel PED marking till mod. III std.
Certificates	Material EN 10204 3.1 + drawing Pressure test acc. HADRO standard Pressure test acc. Lloyds basis GL, LRS or BV certificate NACE MR 01.75 / ISO 15156 WPS/PQR standard material II 1/2G c IIC T1… T6 II 1 D Txx °C KEMA 10 ATEX0199 X
Special	Insulation, spring



(*) special (shorter) drain length available on request