Barksdale®
CONTROL PRODUCTS
CRANE Barksdale, Inc./Barksdale GmbH
A Subsidiary of Crane Co.

LevelSite®

see the difference.

Level Control with new performance

Control Every Move

LevelSite®

see the difference.

LevelSite® is Barksdale's robust magnetic level indicator engineered for safe, reliable liquid level measurement in demanding environments. Its rugged stainless-steel construction provides direct visual indication without exposing process fluid, eliminating leaks and spills common with other level indication technologies.

Using a magnetic coupling principle, a float with a permanent magnet tracks the liquid level inside a sealed chamber, driving an external rotating flag assembly for clear, high-visibility indication even under harsh conditions.

LevelSite® delivers direct visual indication, continuous monitoring, and simple control in one package, with optional accessories for enhanced functionality. Now featuring a modular design and standardized configurations, LevelSite® introduces a new level of simplicity in selection, ordering, and integration with accessories, ensuring faster deployment across diverse applications – see the difference.

Key Features

- Visual indication for convenient level monitoring
- Compatibility with point level switches and continuous transmitters for level control
- Modular Design: Configurable as kits including indicator, transmitter, and limit switch
- Variety of certifications for different markets (more coming soon!)
- Application Versatility: Suitable for standard, pressurized, and cryo environments (coming soon!)

Markets and Applications

- **Marine**
  Ballast and service water tanks, lubrication and hydraulic fluid tanks
- **Oil and Gas**
  Field storage tanks, refinery crude oil tanks, miscellaneous process tanks, Natural Gas processing skids
- Industrial, OEM, and HVAC applications
  Hydraulic fluid and oil storage tanks, drainage reservoirs
- **Power Generation**
  Boiler and feedwater management, condensate monitoring, miscellaneous boiler tank monitoring, and other nuclear plant applications
- **Water and Wastewater**
  Tank and reservoir level monitoring

COMING SOON

- **New Modular Product Structure**
  Simplifies selection, and integration – reducing engineering time and accelerating deployment.
- **Stainless Steel Indication Rail**
  Enhanced durability and corrosion resistance for harsh environments.
- **Explosion-Proof (Ex d) Accessories**
  Increased safety for hazardous area applications.
- **Configurable Material Options**
  Greater flexibility to meet diverse process requirements.

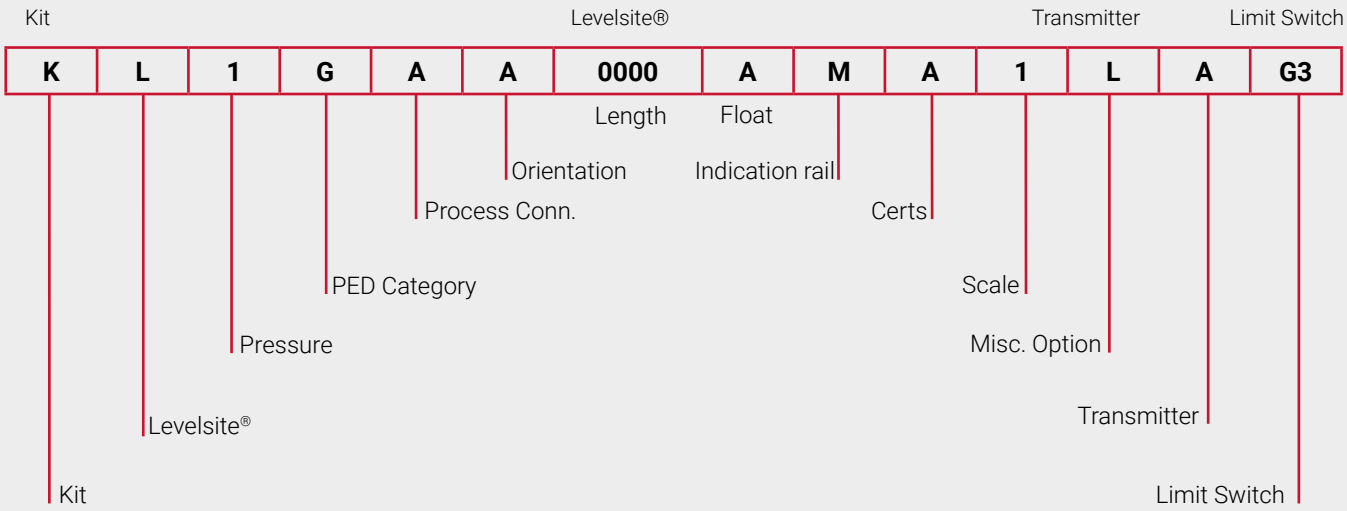
LevelSite®
New Order Code / Approvals

New Ordering Structure

One master, modular product line!

Intuitively configurable!

Now available as a kit!



KITS NOW AVAILABLE

You can now order your LevelSite® as a kit alongside unmounted limit switches and transmitters in one part number. Example: Designate a "K" for kit and truncated transmitter and limit switch characters per above to order your kit!

Kit	Levelsite®	Transmitter	Limit Switch	Levelsite® Kit Number
K	L1GAA0000AMA1H	XT-A0000	GK03-GK	**KL1GAA0000MA1HAG3**
Designate K prefix for kit!		Designate A for specific transmitter accessory	Designate a character for limit switch type, followed by a numeric character to designate number of limit switches required.	

Approvals

Exceptions and limitations on availability of approval for certain Levelsite model.

	Bureau Veritas	DNV	RINA	Lloyd's register	ATEX EX h	ATEX EX i	ATEX EX d
Levelsite®	●	●	●	●	●		
Accessories	●	●	●	●		●	**coming soon**

LevelSite®
Pressure Ranges / PED

The LevelSite® pressure rating is soon to be extended to 100 bar!

Base Code	Pressure Range	Tube Size
1	< 6 bar	40 x 1 mm
2	< 10 bar	40 x 1 mm
3	< 16 bar	40 x 1 mm
4	< 16 bar	60.3 x 2 mm
5	< 40 bar	60.3 x 2 mm
6	< 63 bar	60.3 x 2 mm
7	< 100 bar **(Coming Soon!)**	60.3 x 2.77 mm
A	ASME Class Type 150lbs - ASME B16.5 - 2020	40 x 1 mm
B	ASME Class Type 150lbs - ASME B16.5 - 2020	60.3 x 2 mm
C	ASME Class Type 300lbs - ASME B16.5 - 2020	60.3 x 2 mm
D	ASME Class Type 600lbs - ASME B16.5 - 2020	60.3 x 2.77 mm

The Pressure Equipment Directive (PED) is an EU regulation that ensures pressure equipment is safe and compliant before being placed on the market. It applies to equipment operating above 0.5 bar, such as boilers, vessels, and piping. PED is necessary to protect users and workers from potential hazards like explosions or leaks. PED Categories defining the effort during production to deliver a safe product.

To calculate the PED Category technical parameters like operating pressure, measuring length [LM], process connection size and tube dimension are required.

PED Category	L1	L2	L3	L4	L5	L6	L7	LA	LB	LC	LD
G											
1											
2											
3											

Depending on technical parameters:
max. operation pressure, length, process connections size and base code

NEW TOOL !

Please use the PED automation tool to find the PED class your specifications fall in. Currently available in Levelsite toolkit and coming soon on Webshop!

LevelSite®
Process Connections and Orientations

There are multiple orientations possible process connections and orientation types, designed to meet the diverse needs of applications. This modular approach ensures:

- Rapid customization for specific installation needs.
- Opening doors to new industries, retrofit opportunities

Each base configuration (L1, L2, L3…L7) has its own standard set of process connection and orientations slated in datasheets.

IV code	Process Connection
A	DN15 - EN1092-1 Flange
B	DN20 - EN1092-1 Flange
C	DN25 - EN1092-1 Flange
D	DN32 - EN1092-1 Flange
E	DN40 - EN1092-1 Flange
F	DN50 - EN1092-1 Flange
G	R1/2 External thread
H	G1/2 Internal thread
J	R3/4 External thread
K	G3/4 Internal thread
L	1/2NPT External thread
M	3/4NPT External thread
N	1NPT External thread
P	1/2“ ASME
R	3/4“ ASME
S	1“ ASME
T	1 1/2“ ASME
U	2“ ASME
V	G1/2 External thread
W	1/2NPT Internal thread
X	3/4NPT Internal thread

Process orientations / Process connections

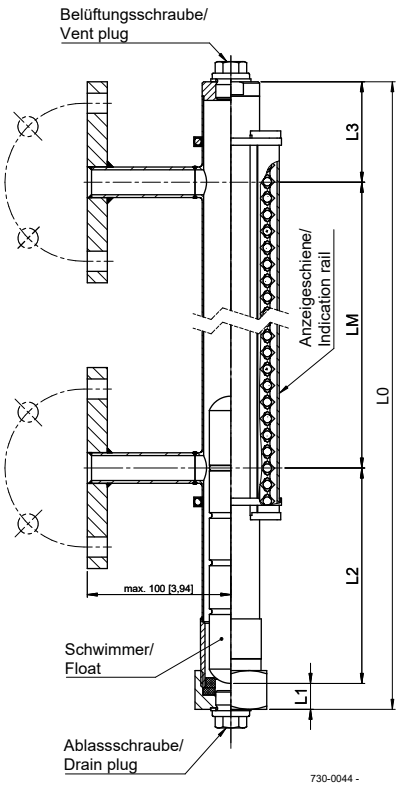
Orientation			L1	L2	L3	L4	L5	L6	L7
A	Process Orientation Chamber Top Process Bottom	Side Side Welded End Cap Service Flange	✓	✓	✓	✓	✓		
B	Process Orientation Chamber Top Process Bottom	Side Side Service Flange Service Flange				✓	✓	✓	✓
C	Process Orientation Chamber Top Process Bottom	Top Bottom Welded End Cap Flange	✓	✓	✓	✓	✓		
D	Process Orientation Chamber Top Process Bottom	Top Bottom Service Flange Flange				✓	✓	✓	✓
E	Process Orientation Chamber Top Process Bottom	Top Side Welded End Cap Service Flange				✓	✓		
F	Process Orientation Chamber Top Process Bottom	Top Side Flange Service Flange				✓	✓	✓	✓
G	Process Orientation Chamber Top Process Bottom	Side Bottom Welded End Cap Flange				✓	✓		
H	Process Orientation Chamber Top Process Bottom	Side Bottom Service Flange Flange				✓	✓	✓	✓

LevelSite®
Process Connections and Orientations

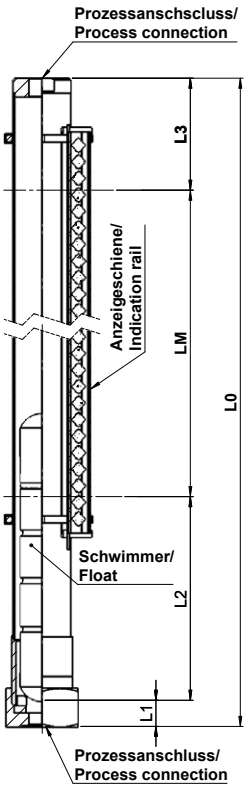
Drawings

Dimensions (mm / inch)

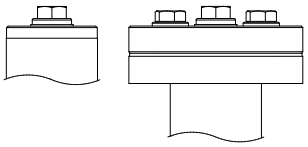
Side - Side



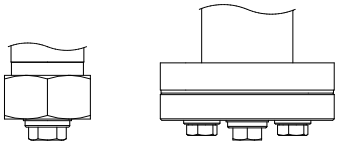
Top - Bottom



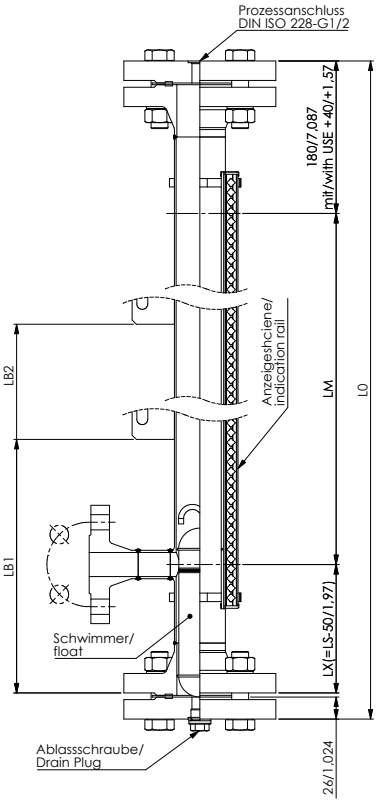
Chamber - Top (Example)



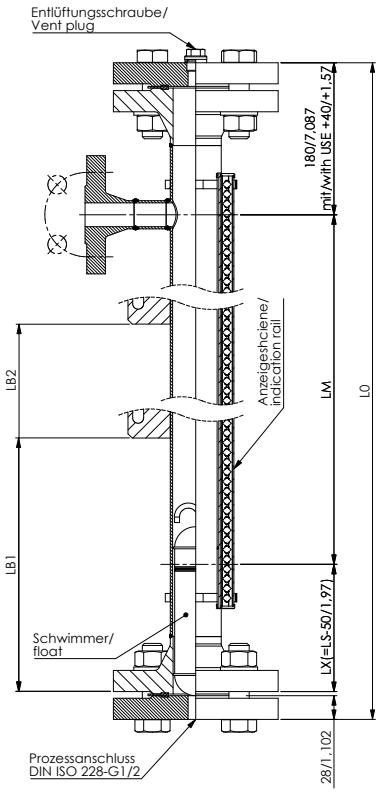
Chamber - Bottom (Example)



Top - Side



Bottom - Side



LevelSite®
Float

Precision Floats for Barksdale Level Site Indicators

At the heart of every Barksdale Level Site magnetic level indicator lies its most essential component: the float. Engineered for precision and reliability, designed to meet the demands of specific applications across various process conditions.

Key Working Principal

The float contains a magnet placed inside that is connected to the vessel holding the liquid.

As the liquid level rises or falls, the float moves accordingly. Outside the chamber, a series of bi-colored magnetic flags, that are magnetically coupled to the float, move.

The movement of the float causes these flags to rotate, changing color to reflect the liquid level. This provides a clear, real-time visual indication without any direct contact with the process fluid.

Optimized Design for Performance

The float's **material, weight, volume displacement,** and **buoyancy** are meticulously calibrated to ensure stable immersion and accurate level readings. Whether operating under high pressure, elevated temperatures, or in low-density media, Barksdale floats deliver consistent performance.

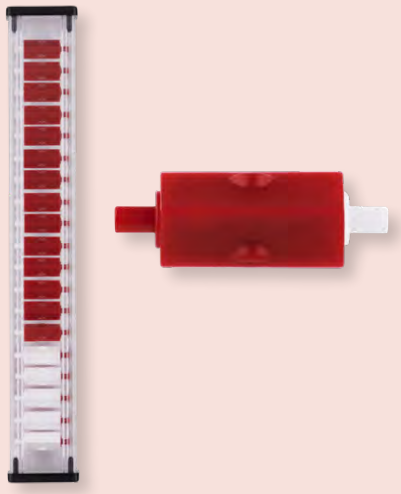
Material Highlights

- **Titanium**: Exceptional strength-to-weight ratio, corrosion resistance, and high-temperature tolerance.
- **1.4571 Stainless Steel**: Durable and versatile for standard applications.
- **Buna N:** Ideal for oil-based media up to 90°C.

Float

Base Code	Type	Material	Min Density (g/cm³)	Max Pressure (bar)	Max Temperature (°C)	LevelSite line	Float Length LS (mm)	Weight (g)
A	VA30/02	1,4571	0,85	16	150	1, 2, 3	200	141
B	TT30/02	Titanium	0,85	25	150	1, 2, 3	200	141
C	TT30/03	Titanium	0,86	25	320	1, 2, 3	200	141
D	BN32/100	Buna N	0,75	10	90	1, 2, 3	100	78,4
E	VA50/10	1,4571	0,62	25	150	4	200	360
F	VA50/15	1,4571	0,63	25	150	4	200	360
G	TT50/10	Titanium	0,56	40	320	4, 5	200	360
H	TT50/15	Titanium	0,57	40	320	4, 5	200	360
I	TT50/20-VAE	Titanium	0,6	VAE	320	6, 7	200	360

LevelSite®
Indication Rail

Order Code	Type	Description
M		Material: **Macrolon (polycarbonate) clear,** Flag: **red / white** Temperature: **up to 150 °C**
A		Material: **Aluminum, black anodize + glas** Flag: **painted red, silver/ Aluminum colored** Temperature: **up to 350 °C**
S	COMING SOON	**Stainless Steel indication rail** coming soon.

All bypass level indicators can be supplied for applications up to 150 °C with a glued-on scale mounted directly next to the indicator slide. The base material is Aluminum.

LevelSite®
Temperature Specifications

COMING SOON

- **Now Rated for -196°C to +250°C:**
  Extreme Conditions. Exceptional Performance.
- **New extended temperature range**

A major enhancement for LevelSite® is coming soon! The extended operating temperature range from -196°C to +250°C positions Barksdale's Magnetic Level Indicators as a versatile and robust solution-engineered to thrive in the harshest environments.

Why It Matters

It unlocks access to high-value industrial segments where extreme thermal conditions are the norm

Oil & Gas (Offshore and Onshore)

Ideal for cryogenic applications and high-temperature processing. Stainless steel indication rails and ATEX/IECEx approvals ensure compliance and durability.

Power Generation & Marine

With high-pressure ratings up to 100 bar and robust housing options, we are ready to play in mission-critical systems.

Ready for What's Next

Whether you're operating in cryogenic tanks, high-pressure reactors, or offshore platforms, the new LevelSite® range delivers precision, safety, and reliability—without compromise.

LevelSite®
Stainless Steel Line - 1, 2, 3

Dimensions (mm / inch)
Ø 40 x 3000

The Mini Bypass Level Indicator pressure up to 16 bar with max. lengths of 3000 mm, medium temperatures up to 150 °C.

Technical Data

Bourdon tube	**L** - Stainless steel 1.4571 (SS 316 TI) PN 16, Ø = 40 x 1 mm
Pressure ranges	**1** - up to 6 bar **2** - up to 10 bar **3** - up to 16 bar
Float types	**A - VA30/02**: 1.4571 (SS 316Ti), max. 16 bar and 150 °C, min. density: 0.85 g/cm³ **B - TT30/02:** in Titanium, max. 25 bar and max. temperature: 150 °C min. density: 0.85 g/gm³ **D - Buna N**: BN32/100, PN 10, max. 10 bar and max. temperature: 90 °C min. density: 0.75 g/cm³ only available for pressure range 1 and 2
Proof pressure	according to DIN EN 13445 / AD 2000 HP 30
Process connection	Please see order code page. Flanges PN will be defined by pressure range. Example pressure range 1 - Flange PN 6.
Indication rail Standard	**M - Macrolon** (polycarbonate) clear, with white / red indication flags, up to 150 °C media dependent **A – Aluminum** black anodized, flags painted silver/red, up to max. 350 °C **S – Stainless Steel** flags painted silver/red, -196 °C up to max. 350 °C
Temperature ranges	-10 °C... +150 °C
Approvals optional	**A** - ATEX Ex h approval **S** – Shipbuilding approval **B** – ATEX Ex h + shipbuilding approval
Accessories	Please see data sheets of limit switch (GK03) and transmitter (XT / XTi; XM / XMi)

LevelSite®
Stainless Steel Line - 1, 2, 3

Order Code

Example:

I	II	III	IV	V	VI	VII	VIII	IX	-->	L	1	G	A	A	1	5	0	0	D	S	Z

I code	Material
L	Stainless Steel

II code	Pressure Range
1	< 6 bar
2	< 10 bar
3	< 16 bar

III code	PED category
G	depending on technical parameters
1	
2	
3	

IV code	Process Connection
A	DN15 - EN1092-1 Flange[1]
B	DN20 - EN1092-1 Flange[1]
C	DN25 - EN1092-1 Flange[1]
G	R1/2 External thread[1]
H	G1/2 Internal thread
J	R3/4 External thread[1]
K	G3/4 Internal thread
L	1/2NPT External thread[1]
M	3/4NPT External thread[1]
V	G1/2 External thead[1]
W	1/2NPT Internal thread
X	3/4NPT Internal thread

[1] not available for Orientation Top Bottom

V code	Process orientation	Chamber Top	Chamber Bottom
A	Side - Side	Welded end cap	Service Flange
C	Top - Bottom	Welded end cap	Flange

VI code	Length
0000	Length in mm

VII code	Float	Material	Min Density (g/cm³)
A	VA30/02	1.4571	0.85
B	TT30/02	Titanium	0.85
C	BN32/100	Buna	0.75

VIII code	Indication Rail
M	Macrolon
A	Aluminum
S	Stainless Steel

IX code	Approvals
Z	w / o approval
A	ATEX Ex h
S	Shipbuilding
B	ATEX Ex h + Shipbuilding

LevelSite®
Stainless Steel Line 4 - up to 16 bar

Dimensions
(mm / inch) / Ø 60.3 x 5700

The Bypass Level Indicator Line 4 is available with lengths up to 5700 mm, medium temperature up to 150 °C max. and pressures up to 16 bar max.

Technical Data

Bourdon tube	**L** - Stainless steel 1.4571 (SS 316 TI) PN 16, Ø = 60.3 x 2 mm
Pressure ranges	**4** - up to 16 bar
Float types	**E - VA50/10: 1.4571,** min. density: 0.62 g/cm³ max. temperature: 150 °C media dependent **F - VA 50/15 in 1.4571**, with M4 plug min. density: 0.63 g/cm³ max. temperature: 150 °C media dependent **G - TT 50/10 in Titanium**, min. density: 0.56 g/cm³ max. temperature: 320 °C media dependent **H - TT 50/15 in Titanium**, with M4 Plug min. density: 0.57 g/cm³, max. temperature: 320 °C media dependent
Proof pressure	according to DIN EN 13445 / AD 2000 HP 30
Process connection	Please see order code page. Flanges PN will be defined by pressure range. Example pressure range 1 - Flange PN 16.
Indication rail Standard	**M - Macrolon** (polycarbonate) clear, with white / red indication flags, up to 150 °C media dependent **A – Aluminum** black anodized, flags painted silver/red, up to max. 350 °C **S – Stainless Steel** flags painted silver/red, - 196 °C up to max. 350 °C
Temperature ranges	Standard: -10 °C... +150 °C **Optional: E** - Extended Temperature Range: 196 °C ... 250 °C
Approvals optional	**A** - ATEX Ex h approval **S** – Shipbuilding approval **B** – ATEX Ex h + shipbuilding approval
Accessories	Please see data sheets of limit switch (GK03) and transmitter (XT / XTi; XM / XMi)

LevelSite®
Stainless Steel Line 4 - up to 16 bar

Order Code

Example:

I	II	III	IV	V	VI	VII	VIII	IX	-->	L	4	G	C	C	2	0	0	0	H	S	Z	Z	Z

I code	Material
L	Stainless Steel

II code	Pressure Range
4	< 16 bar

III code	PED category
G	depending on technical parameters
1	
2	
3	

IV code	Process Connection
A	DN15 - EN1092-1 Flange[1]
B	DN20 - EN1092-1 Flange[1]
C	DN25 - EN1092-1 Flange[1]
D	DN32 - EN1092-1 Flange[1]
E	DN40 - EN1092-1 Flange[1]
F	DN50 - EN1092-1 Flange[1]
G	R1/2 External thread[1]
H	G1/2 Internal thread
J	R3/4 External thread[1]
K	G3/4 Internal thread
L	1/2NPT External thread[1]
M	3/4NPT External thread[1]
V	G1/2 External thead[1]
W	1/2NPT Internal thread
X	3/4NPT Internal thread

[1] not available for Orientation Top Bottom

V code	Process orientation	Chamber Top	Chamber Bottom
A	Side - Side	Welded end cap	Service Flange
B	Side - Side	Service Flange	Service Flange
C	Top - Bottom	Welded end cap	Flange
D	Top - Bottom	Service Flange	Flange
E	Top - Side	Welded end cap	Service Flange
F	Top - Side	Flange	Service Flange
G	Side - Bottom	Welded end cap	Flange
H	Side - Bottom	Service Flange	Flange

VI code	Length
0000	Length in mm

VII code	Float	Material	Min Density (g/cm^3)
E	VA50/10	1.4571	0.62
F	VA50/15	1.4571	0.63
G	TT50/10	Titanium	0.56
H	TT50/15	Titanium	0.57

VIII code	Indication Rail
M	Macrolon
A	Aluminum
S	Stainless Steel

IX code	Approvals
Z	w / o approval
A	ATEX Ex h
S	Shipbuilding
B	ATEX Ex h + Shipbuilding

X code	Scale
Z	w/o scale
1	Scale in cm

XI code	Temperature Range
Z	Standard Temperature Range
E	Extended Temperature Range

LevelSite®
Stainless Steel Line 5 - up to 40 bar

Dimensions
(mm / inch) / Ø 60.3 x 5700

The Bypass Level Indicator Line 5 is available with lengths up to 5700 mm, medium temperature up to 150 °C max. and pressures up to 40 bar max.

Technical Data

Bourdon tube	**L** - Stainless steel 1.4571 (SS 316 TI) PN 16, Ø = 60.3 x 2 mm
Pressure ranges	**5** - up to 40 bar
Float types	**G - TT50/10 in Titanium,** min. density: 0.56 g/cm³ max. temperature: 320 °C media dependent **H - TT50/15 in Titanium**, with M4 plug min. density: 0.57 g/cm³ max. temperature: 320 °C media dependent
Proof pressure	according to DIN EN 13445 / AD 2000 HP 30
Process connection	Please see order code page. Flanges PN will be defined by pressure range. Example pressure range 1 - Flange PN 40.
Indication rail Standard	**M - Macrolon** (polycarbonate) clear, with white / red indication flags, up to 150 °C media dependent **A – Aluminum** black anodized, flags painted silver/red, up to max. 350 °C **S – Stainless Steel** flags painted silver/red, - 196 °C up to max. 350 °C
Temperature ranges	Standard: -10 °C... +150 °C **Optional: E** - Extended Temperature Range: 196° C ... 250 °C
Approvals optional	**A** - ATEX Ex h approval **S** – Shipbuilding approval **B** – ATEX Ex h + shipbuilding approval
Accessories	Please see data sheets of limit switch (GK03) and transmitter (XT / XTi; XM / XMi)

LevelSite®
Stainless Steel Line 5 - up to 40 bar

Order Code

Example:

I	II	III	IV	V	VI	VII	VIII	IX	-->	L	5	2	E	A	4	0	0	0	G	S	Z	Z	Z

I code	Material
L	Stainless Steel

II code	Pressure Range
5	< 40 bar

III code	PED category
G	depending on technical parameters
1	
2	
3	

IV code	Process Connection
A	DN15 - EN1092-1 Flange[1]
B	DN20 - EN1092-1 Flange[1]
C	DN25 - EN1092-1 Flange[1]
D	DN32 - EN1092-1 Flange[1]
E	DN40 - EN1092-1 Flange[1]
F	DN50 - EN1092-1 Flange[1]
G	R1/2 External thread[1]
H	G1/2 Internal thread
J	R3/4 External thread[1]
K	G3/4 Internal thread
L	1/2NPT External thread[1]
M	3/4NPT External thread[1]
V	G1/2 External thead[1]
W	1/2NPT Internal thread
X	3/4NPT Internal thread

[1] not available for Orientation Top Bottom

V code	Process orientation	Chamber Top	Chamber Bottom
A	Side - Side	Welded end cap	Service Flange
B	Side - Side	Service Flange	Service Flange
C	Top - Bottom	Welded end cap	Flange
D	Top - Bottom	Service Flange	Flange
E	Top - Side	Welded end cap	Service Flange
F	Top - Side	Flange	Service Flange
G	Side - Bottom	Welded end cap	Flange
H	Side - Bottom	Service Flange	Flange

VI code	Length
0000	Length in mm

VII code	Float	Material	Min Density (g/cm^3)
G	TT50/10	Titanium	0.56
H	TT50/15	Titanium	0.57

VIII code	Indication Rail
M	Macrolon
A	Aluminum
S	Stainless Steel

IX code	Approvals
Z	w / o approval
A	ATEX Ex h
S	Shipbuilding
B	ATEX Ex h + Shipbuilding

X code	Scale
Z	w/o scale
1	Scale in cm

XI code	Temperature Range
Z	Standard Temperature Range
E	Extended Temperature Range

LevelSite®
Stainless Steel Line 6 - up to 63 bar

Dimensions
(mm / inch) / Ø 60.3 x 5700

The Bypass Level Indicator Line 6 is available with lengths up to 5700 mm, medium temperature up to 150 °C max. and pressures up to 64 bar max.

Technical Data

Bourdon tube	**L** - Stainless steel 1.4571 (SS 316 TI) PN 64, Ø = 60.3 x 2 mm
Pressure ranges	**6** - up to 63 bar
Float types	**I - TT50/20-VAE (vented) Titanium,** min. density: 0.6 g/cm³
Proof pressure	according to DIN EN 13445 / AD 2000 HP 30
Process connection	Please see order code page. Flanges PN will be defined by pressure range.
Indication rail Standard	**M - Macrolon** (polycarbonate) clear, with white / red indication flags, up to 150 °C media dependent **A – Aluminum** black anodized, flags painted silver/red, up to max. 350 °C **S – Stainless Steel** flags painted silver/red, -196 °C up to max. 350 °C
Temperature ranges	Standard: -10 °C... +150 °C **Optional: E** - Extended Temperature Range: 196° C ... 250 °C
Approvals optional	**A** - ATEX Ex h approval **S** – Shipbuilding approval **B** – ATEX Ex h + shipbuilding approval
Accessories	Please see data sheets of limit switch (GK03) and transmitter (XT / XTi; XM / XMi)

LevelSite®
Stainless Steel Line 6 - up to 63 bar

Order Code

Example:

I	II	III	IV	V	VI	VII	VIII	IX	-->	L	6	2	F	B	1	5	0	0	I	S	Z	Z	Z

I code	Material
L	Stainless Steel

II code	Pressure Range
6	< 63 bar

III code	PED category
G	depending on technical parameters
1	
2	
3	

IV code	Process Connection
A	DN15 - EN1092-1 Flange[1]
B	DN20 - EN1092-1 Flange[1]
C	DN25 - EN1092-1 Flange[1]
D	DN32 - EN1092-1 Flange[1]
E	DN40 - EN1092-1 Flange[1]
F	DN50 - EN1092-1 Flange[1]
H	G1/2 Internal thread
K	G3/4 Internal thread
W	1/2NPT Internal thread
X	3/4NPT Internal thread

[1] not available for Orientation Top Bottom

V code	Process orientation	Chamber Top	Chamber Bottom
B	Side - Side	Service Flange	Service Flange
D	Top - Bottom	Service Flange	Flange
F	Top - Side	Flange	Service Flange
H	Side - Bottom	Service Flange	Flange

VI code	Length
0000	Length in mm

VII code	Float	Material	Min Density (g/cm^3)
I	TT50/20-VA	Titanium	0.6

VIII code	Indication Rail
M	Macrolon
A	Aluminum
S	Stainless Steel

IX code	Approvals
Z	w / o approval
A	ATEX Ex h
S	Shipbuilding
B	ATEX Ex h + Shipbuilding

X code	Scale
Z	w/o scale
1	Scale in cm

XI code	Temperature Range
Z	Standard Temperature Range
E	Extended Temperature Range

LevelSite®
Stainless Steel Line 7 - up to 100 bar

COMING SOON

Dimensions
(mm / inch) / Ø 60.3 x 5700

The Bypass Level Indicator Line 7 is available with lengths up to 5700 mm, medium temperature up to 150 °C max. and pressures up to 100 bar max.

Technical Data

Bourdon tube	**L** - Stainless steel 1.4571 (SS 316 TI) PN 100, Ø = 60.3 x 2.77 mm
Pressure ranges	**7** - up to 100 bar
Proof pressure	according to DIN EN 13445 / AD 2000 HP 30
Process connection	Please see order code page. Flanges PN will be defined by pressure range.
Indication rail Standard	**M - Macrolon** (polycarbonate) clear, with white / red indication flags, up to 150 °C media dependent **A – Aluminum** black anodized, flags painted silver/red, up to max. 350 °C **S – Stainless Steel** flags painted silver/red, -196 °C up to max. 350 °C
Temperature ranges	Standard: -10 °C... +150 °C **Optional: E** - Extended Temperature Range: 196° C ... 250 °C
Approvals optional	**A** - ATEX Ex h approval **S** – Shipbuilding approval **B** – ATEX Ex h + shipbuilding approval
Accessories	Please see data sheets of limit switch (GK03) and transmitter (XT / XTi; XM / XMi)

LevelSite®
Stainless Steel Line 7 - up to 100 bar

COMING SOON

Order Code

Example:

I	II	III	IV	V	VI	VII	VIII	IX	-->	L	7	3	E	B	1	5	0	0	I	S	Z	Z	Z

I code	Material
L	Stainless Steel

II code	Pressure Range
7	< 100 bar

III code	PED category
G	depending on technical parameters
1	
2	
3	

IV code	Process Connection
A	DN15 - EN1092-1 Flange[1]
B	DN20 - EN1092-1 Flange[1]
C	DN25 - EN1092-1 Flange[1]
D	DN32 - EN1092-1 Flange[1]
E	DN40 - EN1092-1 Flange[1]
F	DN50 - EN1092-1 Flange[1]
G	R1/2 External thread[1]
J	R3/4 External thread[1]
W	1/2NPT Internal thread
X	3/4NPT Internal thread

[1] not available for Orientation Top Bottom

V code	Process orientation	Chamber Top	Chamber Bottom
B	Side - Side	Service Flange	Service Flange
D	Top - Bottom	Service Flange	Flange
F	Top - Side	Flange	Service Flange
H	Side - Bottom	Service Flange	Flange

VI code	Length
0000	Length in mm

VII code	Float	Material	Min Density (g/cm^3)
I	TT50/20-VAE	Titanium	0.6

VIII code	Indication Rail
M	Macrolon
A	Aluminum
S	Stainless Steel

IX code	Approvals
Z	w / o approval
A	ATEX Ex h
S	Shipbuilding
B	ATEX Ex h + Shipbuilding

X code	Scale
Z	w/o scale
1	Scale in cm

XI code	Temperature Range
Z	Standard Temperature Range
E	Extended Temperature Range

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