



Switching - Vibration

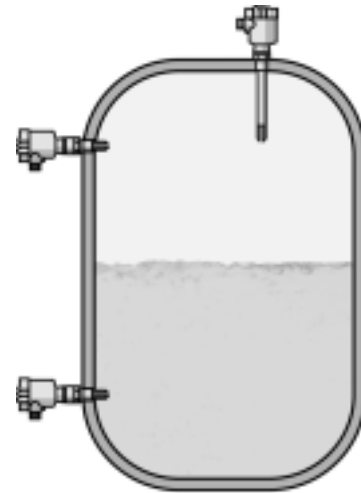
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VEGASWING

For manifold applications in liquids

Measuring principle and applications

The piezo drive is the heart of the sensor, activating the tuning fork to vibrate on its resonance frequency. The frequency of the fork reduces with the immersion. The frequency change is evaluated by the integrated electronics and converted into a switching signal. An optimized screwed connection is used to ensure reliability and ruggedness of the piezo drive. With the tuning fork of only 40 mm length, VEGASWINGs work reliably in all liquids independent of the installation position. Pressure, temperature, foam, viscosity and bubbles do not influence the switching accuracy.



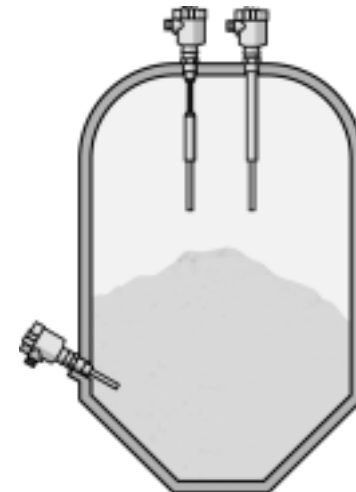
VEGAVIB

Reliable switching in bulk solids

Measuring principle and applications

The vibrating rod of VEGAVIB is activated to vibrate via the piezo drive. If the vibrating rod is immersed, the amplitude will be damped. The electronics detects this damping and converts it into a switching command.

Due to the rod design, it is almost impossible for material to build up or get wedged in. The easy cleanability offers the requirements for use in the food processing and pharmaceutical industry. The installation position and granulation size do not influence the reliability. Mounting and setup are very easy, an adjustment with medium is not necessary. Typical applications are overflow and dry run protection systems in products such as plastic granules, styrofoam, milk powder and pellets.



VEGAWAVE

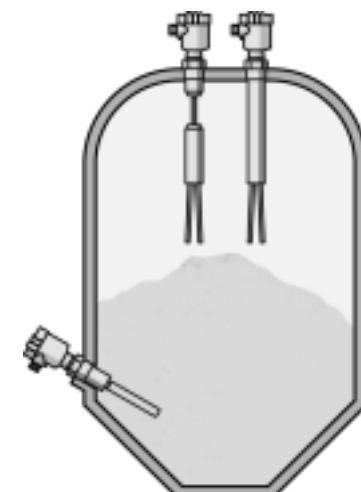
Robust and reliable

Measuring principle and applications

A tuning fork is used as sensor for the VEGAWAVE series. Control as well as processing correspond to VEGAVIB series.

The advantages of this series are ruggedness as well as insensitivity to buildup. Therefore, it is the ideal sensor for powders and fine-grained products. Mounting and setup are very easy, an adjustment with medium is not necessary.

Typical applications are overflow and dry run protection systems in products such as flour, cement, plastic granules, sand fine gravel and styrofoam.



Overview

VEGASWING 51



VEGASWING 61



VEGASWING 63



Applications:

level detection
in liquids

level detection
in liquids

level detection
in liquids

Version:

standard version

standard version

with tube extension
up to 6 m

Material:

316L

316L
Hastelloy C4, enamel,
ECTFE, PFA

316L
Hastelloy C4, enamel,
ECTFE, PFA

Process fitting:

from G $\frac{3}{4}$ A

from G $\frac{3}{4}$ A

from G $\frac{3}{4}$ A



**VEGAVIB 61
VEGAWAVE 61**



**VEGAVIB 62
VEGAWAVE 62**



**VEGAVIB 63
VEGAWAVE 63**



Applications:

level detection
in solids

level detection
in solids

level detection
in solids

Version:

standard version

with suspension cable
up to 80 m

with tube extension
up to 6 m

Process fitting:

VEGAVIB 61: from G1 A
VEGAWAVE 61: G1 $\frac{1}{2}$ A

from G1 $\frac{1}{2}$ A

VEGAVIB 63: from G1 A
VEGAWAVE 63: G1 $\frac{1}{2}$ A

VEGASWING 51

Vibrating level switch for liquids

For universal use as overfill or dry run protection system

- setup without adjustment
- very high reproducibility
- product-independent switching point
- wear and maintenance-free
- smallest mounting dimensions



Approval

XX without

XM Ship approval

XA Overfill protection acc. to WHG

Version / Process temperature

S Standard / -40...100°C

T Extended / -40...150°C

H Hygienic applications / -40...150°C

Process fitting / Material

GB Thread G $\frac{3}{4}$ A PN64 / 316L

NB Thread $\frac{3}{4}$ NPT PN64 / 316L

GA Thread G1A PN64 / 316L

NA Thread 1NPT PN64 / 316L

CL Tri-Clamp 1" PN16 / 316L Ra<0.8µm

CN Tri-Clamp 2" PN16 / 316L Ra<0.8µm

RL Bolting DN25PN40 DIN11851 / 316L Ra<0.8µm

RM Bolting DN40PN40 DIN11851 / 316L Ra<0.8µm

RN Bolting DN50PN25 DIN11851 / 316L Ra<0.8µm

Electronics

C Contactless electronic switch 20...253 V AC/DC

T Transistor output PNP 10...55 V DC

Housing

P 316L

Electrical connection / Protection

M M12x1 / IP67 ¹⁾

V according to DIN 43650 incl. plug / IP 65

Switching point

Standard

L Switching point as SWING71A

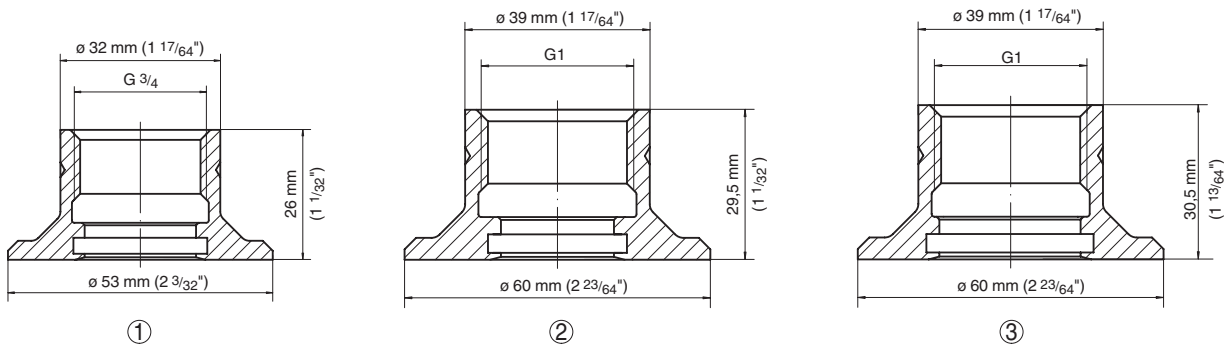
SG51.

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¹⁾ Not in conjunction with Electronics "C"

- Further process fittings and options on request

Welded socket VEGASWING



- 1 Version ESTSG.1GB**
- 2 Version ESTSG.1GA**
- 3 Version ESTSG.2GA**



suitable for

- 1 VEGASWING 51
- 1 VEGASWING 61/63
- 2 VEGASWING 70A/81A/83A

Version / Material

- GB** Thread G³/₄A / 316L
- GA** Thread G1A / 316L

Test certificate

- X** without

Seal

- 1** FKM
- 3** EPDM

ESTSG.				
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VEGASWING 61

Compact vibrating level switch for liquids

For universal use as overfill or dry run protection system

- setup without adjustment
- product-independent switching point
- very high reproducibility
- wear and maintenance-free
- SIL 2 qualified
- instrument from the plics® family



Approval

XX	without
XA	Overfill protection according to WHG
CA	ATEX II 1G, 1/2G, 2G EEx ia IIC T6 + WHG ¹⁾
DA	ATEX II 1/2G, 2G EEx d IIC T6 + WHG ²⁾
CM	ATEX II 1G, 1/2G, 2G EEx ia IIC T6 + ship approval
DM	ATEX II 1/2G, 2G EEx d IIC T6 + ship approval ²⁾
XM	Ship approval
CU	FM(IS)CL I,II,III, DIV 1, GP ABCDEFG ¹⁾
DU	FM(XP) CLI, DIV1, GP ABCD (DIP) CLII,III, DIV1, GP EFG ²⁾
XU	FM(NI)CL I, DIV2, GP ABCD

Continuation see next page

Process fitting / Material

- GBV** Thread G $\frac{3}{4}$ A PN64 / 316L
- NBV** Thread $\frac{3}{4}$ NPT PN64 / 316L
- GAV** Thread G1A PN64 / 316L
- NAV** Thread 1NPT PN64 / 316L
- CCN** Tri-Clamp 1" PN16 / 316L Ra<0.3 μ m
- CCP** Tri-Clamp 1" PN16 / 316L Ra<0.8 μ m
- CAN** Tri-Clamp 2" PN16 / 316L Ra<0.3 μ m
- CAP** Tri-Clamp 2" PN16 / 316L Ra<0.8 μ m
- RAN** Bolting DN40PN40 DIN11851 / 316L Ra<0.3 μ m
- RAP** Bolting DN40PN40 DIN11851 / 316L Ra<0.8 μ m
- FPV** Flange DN25PN40 Form C, DIN 2501 / 316L
- FPH** Flange DN25PN40 Form C, DIN 2501 / ECTFE ³⁾
- FPE** Flange DN25PN40 Form C, DIN 2501 / enamelled ⁴⁾
- FEV** Flange DN50PN40 Form C, DIN 2501 / 316L
- FEH** Flange DN50PN40 Form C, DIN 2501 / ECTFE ³⁾
- FEF** Flange DN50PN40 Form C, DIN 2501 / PFA ³⁾
- FES** Flange DN50PN40 Form B1, EN 1092-1/enamelled ⁴⁾
- APV** Flange 1" 150lb ANSI B16.5 / 316L
- APH** Flange 1" 150lb RF, ANSI B16.5 / ECTFE ³⁾
- APE** Flange 1" 150lb RF, ANSI B16.5 / enamelled ⁴⁾
- ACV** Flange 2" 150lb RF, ANSI B16.5 / 316L
- ACH** Flange 2" 150lb RF, ANSI B16.5 / ECTFE ³⁾
- ACE** Flange 2" 150lb RF, ANSI B16.5 / enamelled ⁴⁾

Adapter / Process temperature

- X** without / -50...150°C
- T** with / -50...250°C
- G** with gas-tight leadthrough / -50...150°C
- D** with gas-tight leadthrough / -50...250°C

Housing / Cable entry

- P** Plastic IP66/67 / M20x1.5
- M** Aluminium IP66/IP67 / M20x1.5
- U** Aluminium IP66/IP67 / $\frac{1}{2}$ NPT
- 8** StSt (electropolished) 316L / IP66/IP67 / M20x1.5

Electronics

- C** Contactless electronic switch 20...250VAC/DC
- R** Double relay (DPDT) 20...72VDC/20...250VAC (3A)
- T** Transistor (NPN/PNP) 10...55VDC
- Z** Two-wire 8/16 mA 12...36VDC
- N** NAMUR signal

Switching point

- X** Standard
- L** as SWING81 or 81A

SWING61.							
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1) Only in conjunction with Electronics "Z" and "N"
 2) Only in conjunction with Housing / Cable entry "U"
 3) Only in conjunction with process temperature -50...150°C
 4) Only in conjunction with process temperature -50...200°C and not with electronics "C" and "T"

• Further process fittings and options on request

VEGASWING 63

Compact vibrating level switch for liquids

For universal use as overfill or dry run protection system

- setup without adjustment
- product-independent switching point
- very high reproducibility
- wear and maintenance-free
- SIL 2 qualified
- instrument from the plics® family



Approval

XX	without
XA	Overfill protection according to WHG
CA	ATEX II 1G, 1/2G, 2G EEx ia IIC T6 + WHG ¹⁾
DA	ATEX II 1/2G; 2G EEx d IIC T6 + WHG ²⁾
CM	ATEX II 1G, 1/2G, 2G EEx ia IIC T6 + ship approval
DM	ATEX II 1/2G EEx d IIC T6 + ship approval ²⁾
XM	Ship approval
CU	FM(IS)CL I,II,III, DIV 1, GP ABCDEFG ¹⁾
DU	FM(XP) CLI, DIV1, GP ABCD (DIP) CLII,III, DIV1, GP EFG ²⁾
XU	FM(NI)CL I, DIV2, GP ABCD

Continuation see next page

Process fitting / Material

GBV	Thread G $\frac{3}{4}$ A PN64 / 316L
NBV	Thread $\frac{3}{4}$ NPT PN64 / 316L
GAV	Thread G1A PN64 / 316L
NAV	Thread 1NPT PN64 / 316L
CCN	Tri-Clamp 1" PN16 / 316L Ra<0.3 μ m
CCP	Tri-Clamp 1" PN16 / 316L Ra<0.8 μ m
CAN	Tri-Clamp 2" PN16 / 316L Ra<0.3 μ m
CAP	Tri-Clamp 2" PN16 / 316L Ra<0.8 μ m
RAN	Bolting DN40PN40 DIN11851 / 316L Ra<0.3 μ m
RAP	Bolting DN40PN40 DIN11851 / 316L Ra<0.8 μ m
FPV	Flange DN25PN40 Form C, DIN 2501 / 316L
FPH	Flange DN25PN40 Form C, DIN 2501 / ECTFE ³⁾
FEV	Flange DN50PN40 Form C, DIN 2501 / 316L
FEH	Flange DN50PN40 Form C, DIN 2501 / ECTFE ³⁾
FEF	Flange DN50PN40 Form C, DIN 2501 / PFA ³⁾
FES	Flange DN50PN40 Form B1, EN 1092-1/enamelled ⁴⁾
APV	Flange 1" 150lb ANSI B16.5 / 316L
APH	Flange 1" 150lb RF, ANSI B16.5 / ECTFE ³⁾
APE	Flange 1" 150lb RF, ANSI B16.5 / enamelled ⁴⁾
ACV	Flange 2" 150lb RF, ANSI B16.5 / 316L
ACH	Flange 2" 150lb RF, ANSI B16.5 / ECTFE ³⁾
ACE	Flange 2" 150lb RF, ANSI B16.5 / enamelled ⁴⁾

Adapter / Process temperature

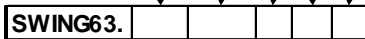
X	without / -50...150°C
T	with / -50...250°C
G	with gas-tight leadthrough / -50...150°C
D	with gas-tight leadthrough / -50...250°C

Housing / Cable entry

P	Plastic IP66/67 / M20x1.5
M	Aluminium IP66/IP67 / M20x1.5
U	Aluminium IP66/IP67 / $\frac{1}{2}$ NPT
8	StSt (electropolished) 316L / IP66/IP67 / M20x1.5

Electronics

C	Contactless electronic switch 20...250VAC/DC
R	Double relay (DPDT) 20...72VDC/20...250VAC (3A)
T	Transistor (NPN/PNP) 10...55VDC
Z	Two-wire 8/16 mA 12...36VDC
N	NAMUR signal



- ¹⁾ Only in conjunction with Electronics "Z" and "N"
- ²⁾ Only in conjunction with Housing / Cable entry "U"; L max. = 3000 mm
- ³⁾ Only in conjunction with process temperature -50...150°C
- ⁴⁾ Only in conjunction with process temperature -50...200°C and not with electronics "C" and "T"

Total length in mm

316L (80-6000 mm) per 100 mm
ECTFE coated (80-3000 mm) per 100 mm
PFA coated (80-3000 mm) per 100 mm
316L Ra <=0.8 μ m (80-6000 mm) per 100 mm
316L Ra <=0.3 μ m (80-6000 mm) per 100 mm
enamelled version (300, 400, 500, 600 mm) once
enamelled version other length (80...1500 mm) once

• Further process fittings and options on request

VEGAVIB 61

Compact vibrating level switch for solids with vibrating rod

For use as overflow protection system or empty detector, especially in granules

- optimum rod design avoids buildup and sticking material
- easy setup without adjustment
- product-independent switching point
- easy cleaning
- SIL 2 qualified
- instrument from the plics® family



Approval

- XX** without
- CX** ATEX II 1G, 1/2G, 2G EEx ia IIC T6 ¹⁾
- CK** ATEX II 1G, 1/2G, 2G EEx ia IIC T6+ATEX II 1/2D IP6X T ²⁾
- LX** ATEX II 1/2G, 2G EEx d IIC T6 ³⁾
- GX** ATEX II 1/2 D IP6X T ⁴⁾

Version / Process temperature

- A** Standard / -50...150°C
- B** With adapter / -50...250°C
- C** Detection of solids in water / -50...150°C

Process fitting / Material

- GC** Thread G1A PN16 / 316L
- NC** Thread 1NPT PN16 / 316L
- GD** Thread G1½A PN16 / 316L switching point as VB51
- ND** Thread 1½NPT PN16 / 316L switching point as VB51
- GG** Thread G1½A PN16 / 316L
- NG** Thread 1½NPT PN16 / 316L

Electronics

- C** Contactless electronic switch 20...253VAC/DC
- R** Relay (DPDT) 20...72VDC/20...253VAC(3A)
- T** Transistor (NPN/PNP) 10...55VDC
- Z** Two-wire 8/16 mA 10...36VDC
- N** NAMUR signal

Housing / Protection

- K** Plastic / IP66/IP67
- A** Aluminium / IP66/IP68 (0.2 bar)
- 8** StSt (electropolished) 316L / IP66/IP68 (0.2bar)

Cable entry / Plug connection

- M** M20x1.5 / without
- N** ½NPT / without

Additional equipment

- X** Without

VB61.									
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¹⁾ Only in conjunction with Electronics "Z" and "N"
²⁾ Only in conjunction with Electronics "Z" and "N", not in conjunction with Housing / Protection "K"
³⁾ Only in conjunction with Housing / Protection "A"
⁴⁾ Not in conjunction with Housing / Protection "K"

• Further process fittings and options on request

VEGAVIB 63

Vibrating level switch for solids with vibrating rod and tube extension

For use as overfill protection system or empty detector, especially in granules

- optimum rod design avoids buildup and sticking material
- easy setup without adjustment
- product-independent switching point
- easy cleaning
- SIL 2 qualified
- instrument from the plics® family



Approval

- XX without
- CX ATEX II 1G, 1/2G, 2G EEx ia IIC T6¹⁾
- CK ATEX II 1G, 1/2G, 2G EEx ia IIC T6+ATEX II 1/2D IP6X T²⁾
- LX ATEX II 1/2G, 2G EEx d IIC T6³⁾
- GX ATEX II 1/2 D IP6X T⁴⁾

Version / Process temperature

- A Standard / -50...150°C
- B With adapter / -50...250°C
- C Detection of solids in water / -50...150°C

Process fitting / Material

- GC Thread G1A PN16 / 316L
- NC Thread 1NPT PN16 / 316L
- GD Thread G1½A PN16 / 316L
- ND Thread 1½NPT PN16 / 316L

Electronics

- C Contactless electronic switch 20...253VAC/DC
- R Relay (DPDT) 20...72VDC/20...253VAC(3A)
- T Transistor (NPN/PNP) 10...55VDC
- Z Two-wire 8/16 mA 10...36VDC
- N NAMUR signal

Housing / Protection

- K Plastic / IP66/IP67
- A Aluminium / IP66/IP68 (0.2 bar)
- 8 StSt (electropolished) 316L / IP66/IP68 (0.2bar)

Cable entry / Plug connection

- M M20x1.5 / without
- N ½NPT / without

Additional equipment

- X Without

VB63.							
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¹⁾ Only in conjunction with Electronics "Z" and "N"
²⁾ Only in conjunction with Electronics "Z" and "N", not in conjunction with Housing / Protection "K"
³⁾ Only in conjunction with Housing / Protection "A"
⁴⁾ Not in conjunction with Housing / Protection "K"

Length in mm (from seal surface)

- 316L (180-6000 mm) per 100 mm
- Further process fittings and options on request

VEGAWAVE 61

Compact vibrating level switch for solids

For use as overflow protection system or empty detector, especially in powders

- easy setup without adjustment
- product-independent switching point
- wear and maintenance-free
- rugged and reliable
- SIL 2 qualified
- instrument from the plics® family



Approval

- XX without
- CX ATEX II 1G, 1/2G, 2G EEx ia IIC T6¹⁾
- CK ATEX II 1G, 1/2G, 2G EEx ia IIC T6+ATEX II 1/2D IP6X T²⁾
- LX ATEX II 1/2G, 2G EEx d IIC T6³⁾
- GX ATEX II 1/2 D IP6X T⁴⁾

Version / Process temperature

- A Standard / -50...150°C
- B With adapter / -50...250°C
- C Detection of solids in water / -50...150°C

Process fitting / Material

- GD Thread G1½A PN25 / 316L
- ND Thread 1½NPT PN25 / 316L

Electronics

- C Contactless electronic switch 20...253VAC/DC
- R Relay (DPDT) 20...72VDC/20...253VAC(3A)
- T Transistor (NPN/PNP) 10...55VDC
- Z Two-wire 8/16 mA 10...36VDC
- N NAMUR signal

Housing / Protection

- K Plastic / IP66/IP67
- A Aluminium / IP66/IP68 (0.2 bar)
- 8 StSt (electropolished) 316L / IP66/IP68 (0.2bar)

Cable entry / Plug connection

- M M20x1.5 / without
- N ½NPT / without

Additional equipment

- X Without

WE61.									
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1) Only in conjunction with Electronics "Z" and "N"
 2) Only in conjunction with Electronics "Z" and "N", not in conjunction with Housing / Protection "K"
 3) Only in conjunction with Housing / Protection "A"
 4) Not in conjunction with Housing / Protection "K"

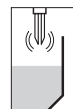
• Further process fittings and options on request

VEGAWAVE 63

Vibrating level switch for solids with tube extension

For use as overflow protection system or empty detector, especially in powders

- easy setup without adjustment
- product-independent switching point
- wear and maintenance-free
- rugged and reliable
- SIL 2 qualified
- instrument from the plics® family



Approval

- XX** without
- CX** ATEX II 1G, 1/2G, 2G EEx ia IIC T6¹⁾
- CK** ATEX II 1G, 1/2G, 2G EEx ia IIC T6+ATEX II 1/2D IP6X T²⁾
- LX** ATEX II 1/2G, 2G EEx d IIC T6³⁾
- GX** ATEX II 1/2 D IP6X T⁴⁾

Version / Process temperature

- A** Standard / -50...150°C
- B** With adapter / -50...250°C
- C** Detection of solids in water / -50...150°C

Process fitting / Material

- GD** Thread G1½A PN25 / 316L
- ND** Thread 1½NPT PN25 / 316L

Electronics

- C** Contactless electronic switch 20...253VAC/DC
- R** Relay (DPDT) 20...72VDC/20...253VAC(3A)
- T** Transistor (NPN/PNP) 10...55VDC
- Z** Two-wire 8/16 mA 10...36VDC
- N** NAMUR signal

Housing / Protection

- K** Plastic / IP66/IP67
- A** Aluminium / IP66/IP68 (0.2 bar)
- 8** StSt (electropolished) 316L / IP66/IP68 (0.2bar)

Cable entry / Plug connection

- M** M20x1.5 / without
- N** ½NPT / without

Additional equipment

- X** Without

WE63.									
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¹⁾ Only in conjunction with Electronics "Z" and "N"
²⁾ Only in conjunction with Electronics "Z" and "N", not in conjunction with Housing / Protection "K"
³⁾ Only in conjunction with Housing / Protection "A"
⁴⁾ Not in conjunction with Housing / Protection "K"

Length in mm (from seal surface)
 316L (240-6000 mm) per 100 mm

- Further process fittings and options on request

Lock fitting for VEGASWING 63



Process pressure / Process temperature / suitable for

- 1 Unpressurized/-50...250°C/Approval XX, XA
- 2 -1...16 bar/-50...150°C/Approval XX,XA,CA,DA,GX,GK
- 3 -1...64 bar/-50...250°C/Approval XX,XA,CA,DA,GX,GK

Process fitting / Material

- GC Thread G1A/316L
- NC Thread 1NPT/316L
- GD Thread G1½A/316L
- ND Thread 1½NPT/316L

ARV-SG63.

Lock fitting for VEGAVIB 63



Process pressure / Process temperature / suitable for

- 1 Unpressurized/-50...250°C / Approval XX
- 2 -1...16 bar/-50...150°C / Approval XX,CX,CK,LX,GX

Process fitting / Material

- GD Thread G1½A/316L
- ND Thread 1½NPT/316L

ARV-VB63.

Lock fitting for VEGAWAVE 63



Process pressure / Process temperature / suitable for

- 1 Unpressurized/-50...250°C / Approval XX
- 2 -1...16 bar/-50...150°C / Approval XX,CX,CK,LX,GX

Process fitting / Material

- GA Thread G2A/316L
- NA Thread 2NPT/316L

ARV-WE63.

VEGATOR 536 Ex

Single signal conditioning instrument for level signalling in 19" European size

For processing of vibrating level switches

- with adjustable integration time
- fault monitoring and fault signal
- with test key for function test according to WHG
- European size according to DIN 41494

Sensor input	: 1 x (vibrating level switch)
Relay output	: 1 x spdt
Transistor output	: 1 x
Fault signal	: 1 x relay and 1 x transistor
Switching hysteresis	: fixed
Protection	: IP30
Operating voltage	: 20...53V AC, 20...72V DC



Approval

A ATEX II (1) GD [EEx ia] IIC/IIB + WHG

TOR536EX0.

- Module for mounting into carriers and housings for single mounting, see chapter "Signal conditioning instruments and communication"

VEGATOR 537 Ex

Double signal conditioning instrument for level signalling in 19" European size

For processing of vibrating level switches

- with adjustable integration time
- fault monitoring and fault signal
- with test key for function test according to WHG
- European size according to DIN 41494

Sensor input	: 2 x (vibrating level switches)
Relay output	: 2 x spdt
Transistor output	: 2 x
Fault signal	: 1 x relay and 1 x transistor
Switching hysteresis	: fixed
Protection	: IP30
Operating voltage	: 20...53V AC, 20...72V DC



Approval

A ATEX II (1) GD [EEx ia] IIC/IIB + WHG

TOR537EX0.

- Module for mounting into carriers and housings for single mounting, see chapter "Signal conditioning instruments and communication"

VEGATOR 636 Ex

Single signal conditioning instrument for level signalling
 For processing of vibrating level switches

- adjustable integration time
- fault monitoring and fault message via LED
- with test key for function test according to WHG
- mounting on carrier rail 35 x 7.5 according to EN 50022
- SIL 2 qualified

Sensor input : 1 x (vibrating level switch)
 Relay output : 1 x spdt
 Transistor output : 1 x
 Switching hysteresis : fixed
 Protection : IP20
 Operating voltage : 20...250V AC, 20...72V DC

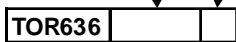


Approval

EX0.A ATEX II (1) GD [EEx ia] IIC + WHG
EX0.M ATEX II (1) GD [EEx ia] IIC + Ship approval

Plug-in socket

K Inclusive plug-in socket



- Further level switches see chapter "Signal conditioning instruments and communication".

Amplifier NAMUR

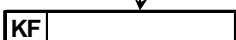
NAMUR signal conditioning instrument for level signalling
 For processing and supply of NAMUR sensors such as e.g. VEGASWING 61/63

- control circuit [EEx ia] IIC
- reversible reaction direction
- detachable terminals
- NAMUR interface according to IEC 60947-5-6
- compact 20 mm housing for mounting on 35 mm standard rail EN 50022
- SIL 2 qualified

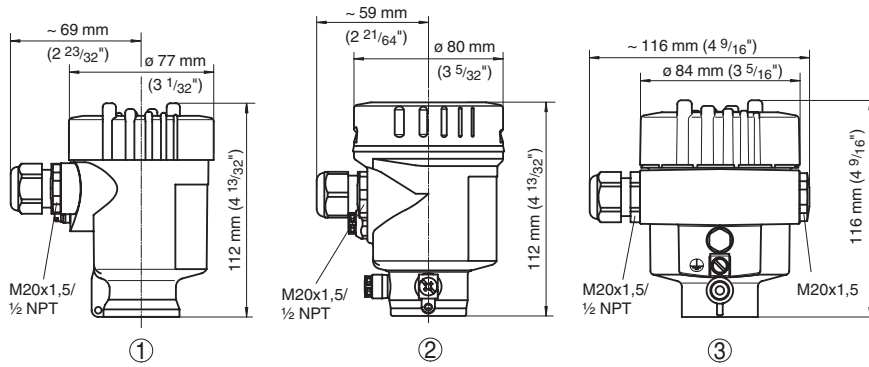


Amplifier version:

A6-SR2-EX1.W 1 channel, 230VAC; signal output: 1xspdt
A6-SR2-EX2.W 2 channels, 230VAC; signal output: 2xspdt
D2-SR2-EX1.W 1 channel, 24VDC; signal output: 1xspdt
D2-SR2-EX2.W 2 channels, 24VDC; signal output: 2xspdt

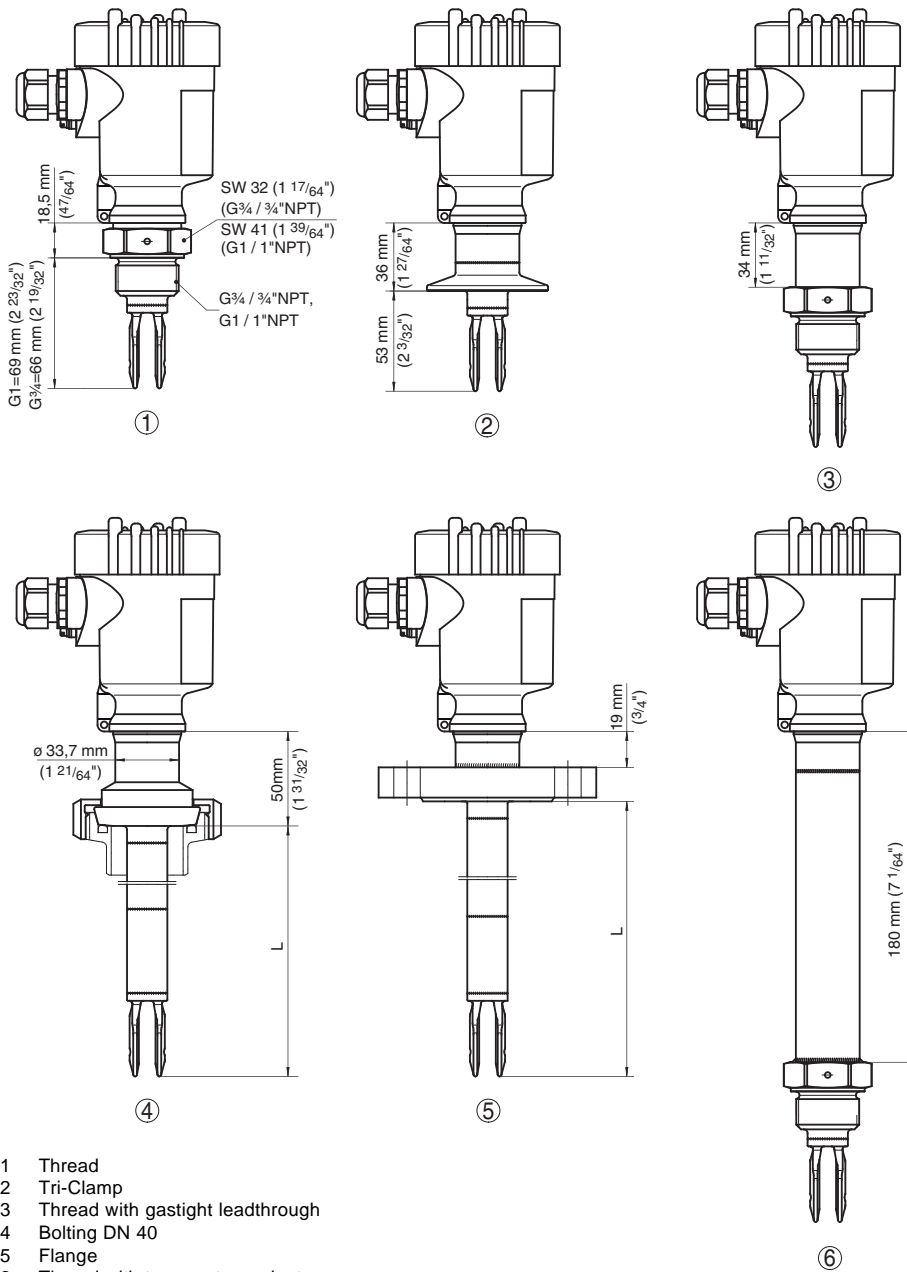


Housings



- 1 Plastic housing
- 2 Stainless steel housing
- 3 Aluminium housing

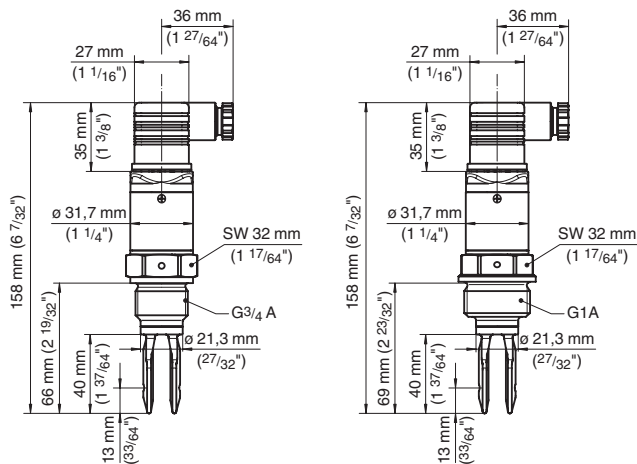
VEGASWING 61, 63



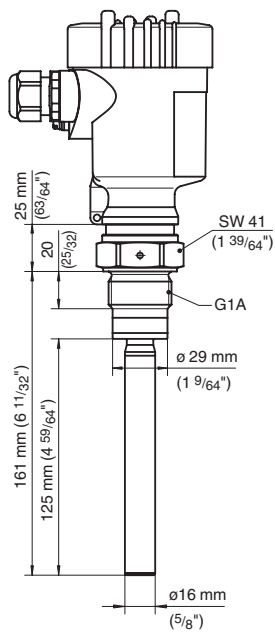
- 1 Thread
- 2 Tri-Clamp
- 3 Thread with gastight leadthrough
- 4 Bolting DN 40
- 5 Flange
- 6 Thread with temperature adapter

You find further drawings and charts under www.vega.com/downloads

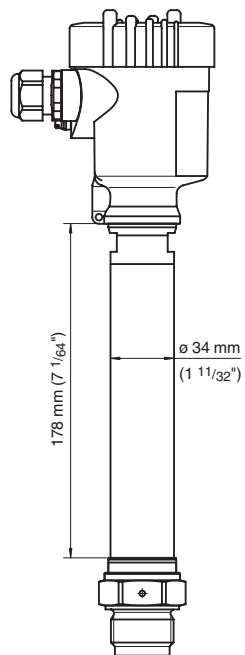
VEGASWING 51



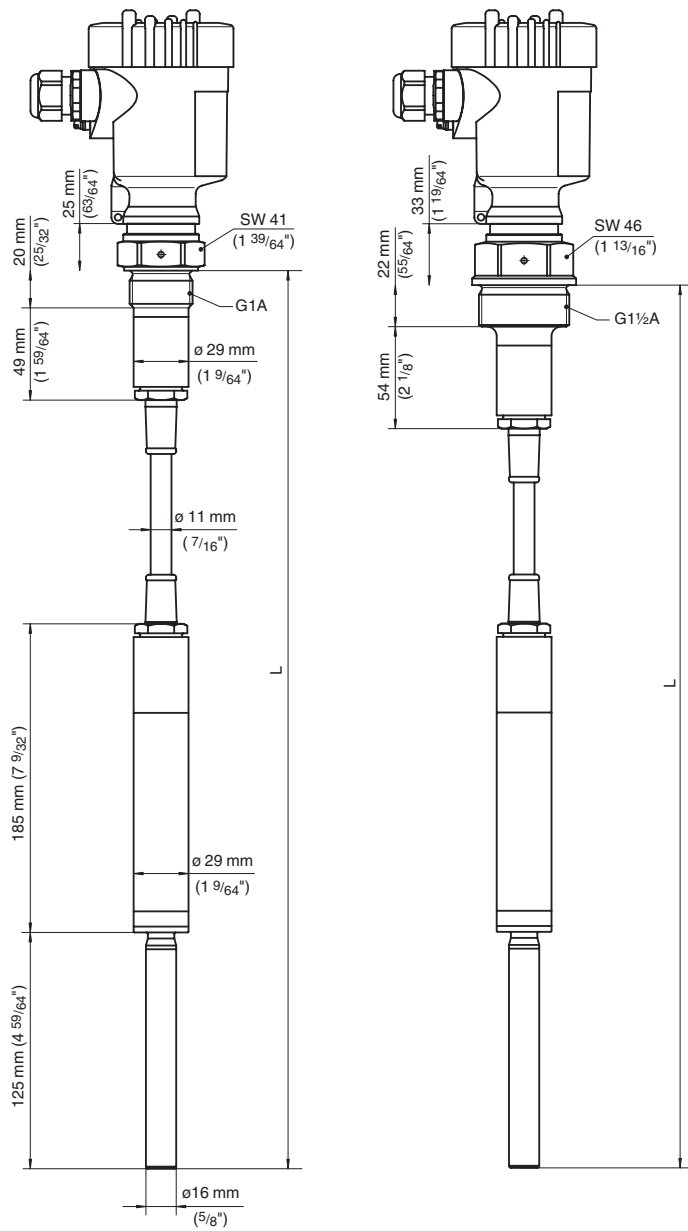
VEGAVIB 61



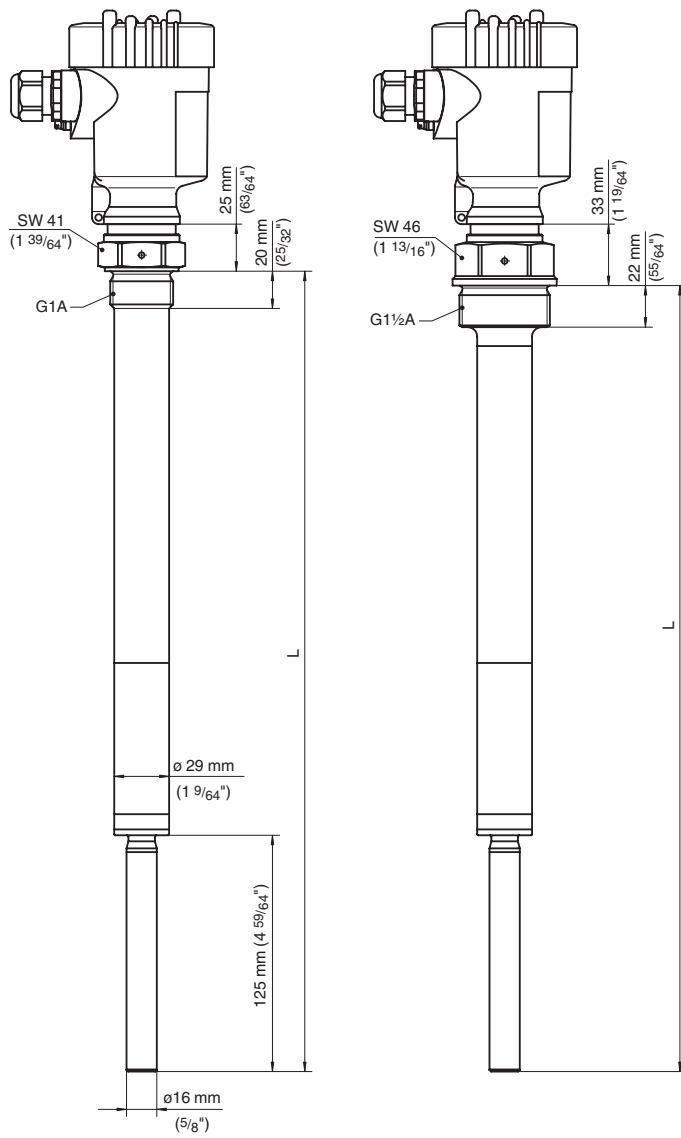
Temperature adapter VEGAVIB and VEGAWAVE 61 and 63



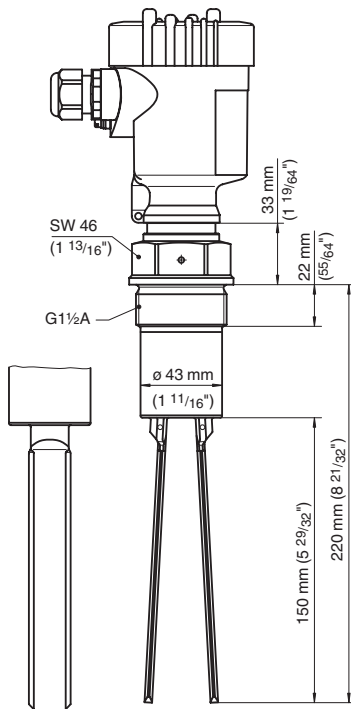
VEGAIB 62



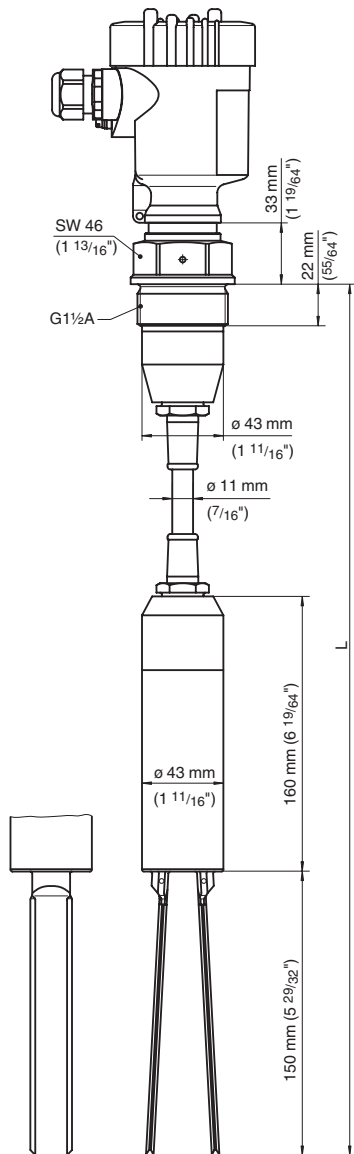
VEGAVIB 63



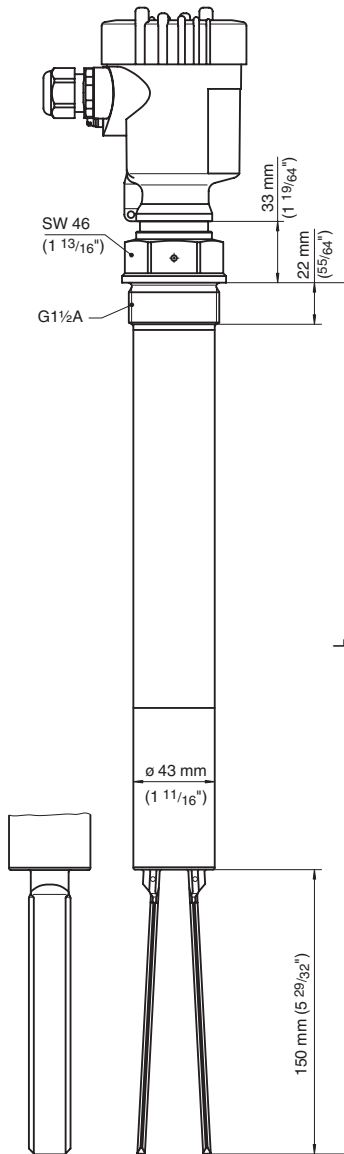
VEGAWAVE 61



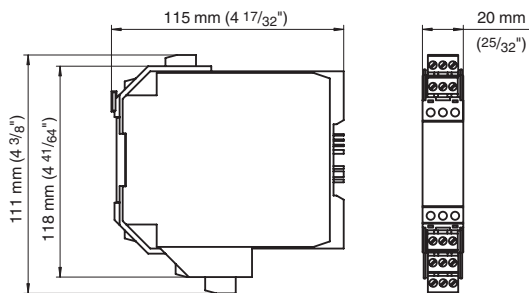
VEGAWAVE 62



VEGAWAVE 63



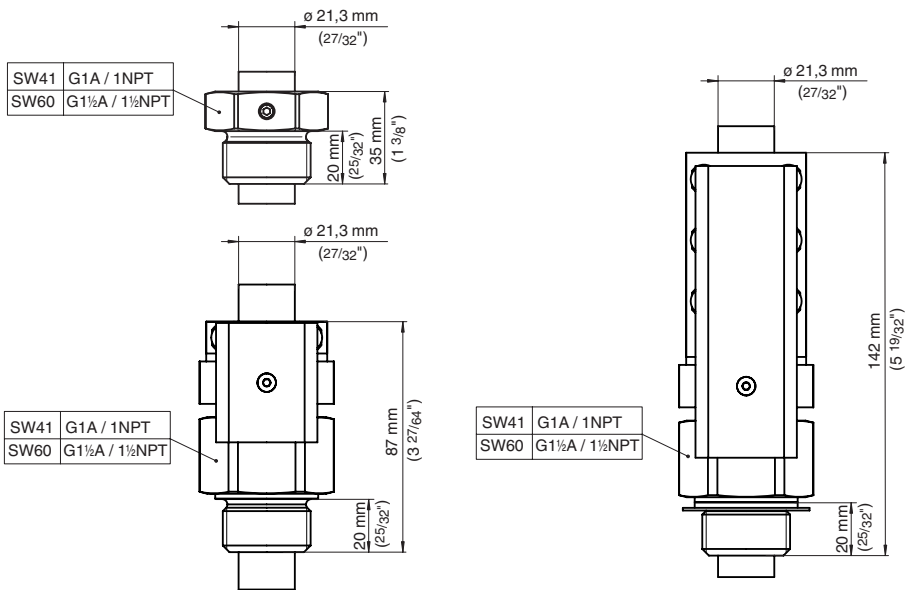
NAMUR amplifier



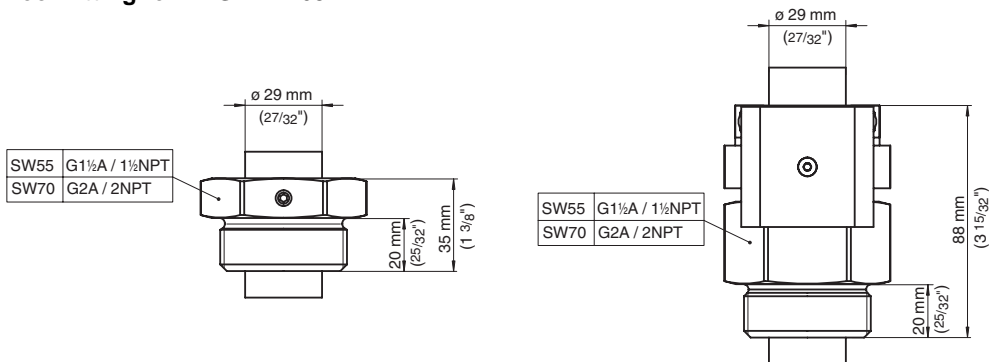
Dimensions series 500 and 600 see chapter „Signal conditioning instruments and communication“.

You find further drawings and charts under www.vega.com/downloads

Lock fitting for VEGASWING 63



Lock fitting for VEGAVIB 63



Lock fitting for VEGAWAVE 63

