

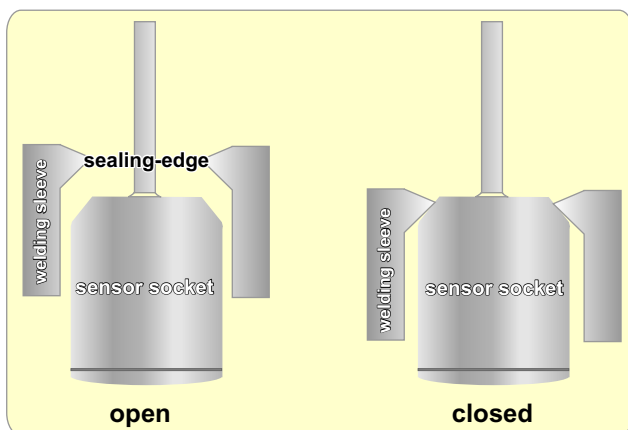
Hygienic adaption with welding sleeve system and modular process connections

Basic features

- ▶ hygienic process adaption
- ▶ dead-room and elastomer-free
- ▶ aseptic measuring point
- ▶ EHEDG-conformal
- ▶ modular concept for a huge number of process connections

Technical features

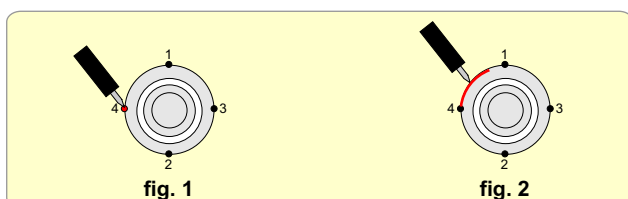
- ▶ adaption with following threads: M12, G1/2", G1"
- ▶ defined and signified position for cable connection or M12-plug (welding-sleeve-system)
- ▶ Wetted parts made of V4A 1.4404



Welding instruction

▶ Welding in tanks / pipings

1. Drill a hole with outside-diameter of the sleeve
Tolerance max. : +0,2 mm
2. Spot the sleeve with 4 points (fig. 1)
3. Screw in welding-help-plug
4. Weld the sections between the points (fig. 2)
4 sections when M12 and G1/2"
8 sections when G1"



e. G. G1/2"-system in temperature-measurement



e. g. G1/2"-system in fill level-measurement



e. g. G1"-system in pressure-measurement



Examples of modular process-connections



Hygienic adaption with welding-sleeve system and modular process-connections

Welding sleeve system M12

for small pipes / bent tubes
and slanted installation



AP 05



not available

small containers



CP 05

small pipes with
border crimping



UP 05

Welding sleeve system G 1/2"

for pipes / bent tubes
and slanted installation



AP 15

containers



BP 15

for fill level limit switch
smw extended version



BP 15-L

thick walled
containers



CP 15

pipes with
border crimping



UP 15

Welding sleeve system G 1"

containers/
pipes



AP 35



BP 35



not available



not available

Examples of order codes

Order Code BP15		BP15-						-		
Control drilling	without control drilling	-	-							
	with control drilling	K	B							
Certification	without material-certification									
	with 3.1B-certification					31			B	

modular process connection system

modular @ process

G1/2"

Milk-pipe screwing according to DIN 11851 **Varivent** **Triclamp**

Cone-nut

Union- nut



Nominal sizes and types

DP 15 -DN 25
EP 15 -DN 32
FP 15 -DN 40
GP 15 -DN 50
LP 15 -DN 65
MP 15 -DN 80

DÜ 15 -DN 25
EÜ 15 -DN 32
FÜ 15 -DN 40
GÜ 15 -DN 50
LÜ 15 -DN 65
MÜ 15 -DN 80

Nominal sizes and types

HP 15 -DN 50 Typ N
IP 15 -DN 25 Typ F

TP 15

G1"

Milk-pipe screwing according to DIN 11851 **Varivent** **Triclamp** **DRD-flange**

Cone nut

Union-nut



Nominal sizes and types

FP 35 -DN 40
GP 35 -DN 50
LP 35 -DN 65

FÜ 15 -DN 40
GÜ 15 -DN 50
LÜ 15 -DN 65

Nominal sizes and types

HP 35 -DN 50 Typ N
IP 35 -DN 25 Typ F

TP 35

GA 35

GP 35: Combination cone nut
also suitable for DRD-flange

Techn. Information:
Complete process connection
consists of GP 35 GA 35

Examples of order codes

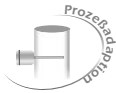
HP15-

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Control drilling	without control-drilling	-	-
	with control-drilling	K	B
Certificate	without material-certificate	-	-
	with 3.1B certificate	31	B



modular process connection system

modular @ process

Adapter-sleeves

from G1" hygienic to G1/2" hygienic

from G1" vibration fork auf G1/2" hygienic

Clamp connection 1/2", 6mm und 9mm

Clamp connection 1/4", 6mm und 9mm

Shrink-wrap-sleeve with Peek-O-ring-seal for 6mm-sensors



AM 31



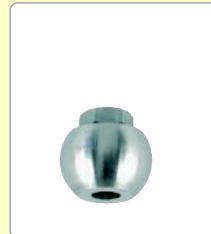
AS 31



VATE 1/2...



VATE 1/4...



VAPE 25/6

General accessories

from G1" hygienic to compressed air supply

High-grade-steel cap for head SBVA with straight knurling

Altitude Compensation-Element (High-Grade-Steel)



Pressure socket DS 300



DR 1



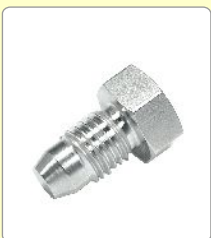
DAE-E

Sealing plugs

M12

G 1/2"

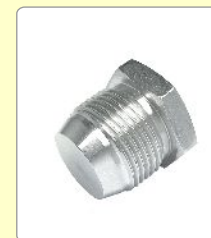
G 1"



VES 05



VES 15



VES 35

Welding help plug

M12

G 1/2"

G 1"



ESS05

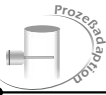


ESS15



ESS35

Techn. Information:
Attention!
Only suitable als welding help
Material: brass



modular process connection system

modular @ process

Connection accessories

M12 plug insertion
4-pole



STEE-4p

PTFA-screw connection



Skintop-screw
connection



Clamp housing with
pressure compensation



Connecting leads industrial model

5-pole, angled with
high-grade-steel
union nut



5-pole, straight with
high-grade-steel
union nut



Techn. information:

- Connecting leads PVC grey
- High-grade-steel union nut
- Protection class IP 67
- Temp.range -30°C to +80°C

5 m WWAKE 4.5-5/P00
10 m WWAKE 4.5-10/P00
20 m WWAKE 4.5-20/P00

2 m WAKE 4.5-2/P00
5 m WAKE 4.5-5/P00
10 m WAKE 4.5-10/P00

Connecting leads only for food and beverage industry (Food & Beverage plus)

4-pole, angled with
high-grade-steel
union nut



4-pole, straight with
high-grade-steel
union nut



Techn. Information:

- The special program for the food & beverage-industry
- Resistant against all ordinary acid and alkaline cleanser and disinfectants
- Protection class IP 69 K

- No harden, no changing colour by use of cleanser-resistant PVC-free plastics
- Temp.-range -40°C to +105°C
- Flame resitant

5 m WWAK 4-5/S2300
10 m WWAK 4-10/S2300

5 m WAK 4-5/S2300
10 m WAK 4-10/S2300

Capillar-cable for pressure transmitter



3 wire screened
polyamide 12 DIN 7337
with capillar tube

SKK-3

Connecting Heads For The Modular Temperature Measurement modular@process

Aluminium Connecting Heads

Connecting Head (IP54) with screw cap

(IP65) like type "SB" however with hinged cover

(IP54) like type "SB" however with hinged cover and quick release fastener

(IP65) like type "SBKL" however with high hinged cover



[-1] SB



[-2] SBKL



[-3] SBKS



[-4] SBAKLH

High Grade Steel Connecting Heads

Connecting Head (IP65) High grade steel 1.4305 Ø 55 mm, M16-screw connection

(IP65) like "SBVA" however with M12 plug

(IP65) like "SBVA" however Ø 60 mm

(IP65) like "SBVAG" however with M12 plug



[-5] SBVA



[-6] SBVAST



[-7] SBVAG



[-8] SBVASTG

Connecting Head (IP65) High grade steel 1.4571 Ø 60 mm, high cover M16-screw connection

(IP65) like "SBVAH" however with M12 plug

(IP65) like "SBVA" however Ø 60 mm

(IP65) like "SBVAG" however with M12 plug



[-9] SBVAH



[-10] SBVASTH