

VN ..020 Short extension length

VN 1020



VN 2020



VN 5020



VN 6020



Housings VN 5020 / 6020



Standard

d (flameproof)

de (flameproof / increased safety)

Cable entries

Depending on model selected, the following cable entries are supported (options see pos 23 on page 14):

Version:	Cable entries:
ATEX flameproof (pos.2 T)	M20x1.5 (1x conduit + 1x Ex-d blind plug)
FM and CSA (pos.2 M,N,P,S,U)	NPT 1/2" tapered ANSI B1.20.1 (1x conduit + 1x Ex-d blind plug)
All other versions	M20x1.5 (1x screwed cable gland + 1x blind plug)

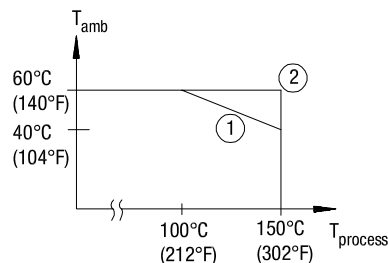
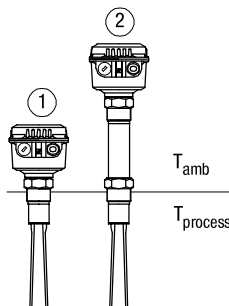
Dimensions

see pages 17-20

pos. 3

Temperature extended shaft applications up to 150°C (302°F)

- 1 without
- 2 with



VN ..020 Short extension length

Basic type

- VN 1020
- VN 2020
- VN 5020
- VN 6020

pos. 2 Certificate (detailed Ex-markings: see page 20)

Certificate	Zone / Div		Protection method
	Dust	Gas	
0 CE	–	–	
W ATEX	Zone 20/21	–	Dust Ignition Proof
Y ATEX	Zone 20/21	Zone 0	Intrinsic Safe / Dust Ignition Proof
R ATEX	Zone 20/21	Zone 1	Flameproof / Increased Safety / Dust Ignition Proof
T ATEX	Zone 20/21	Zone 1	Flameproof / Dust Ignition Proof
M FM / CSA	–	–	General purpose
N FM / CSA	Cl. II, III, Div.1	–	Dust Ignition Proof
	CSA A 20/21		
P FM / CSA	Cl. II, III, Div.1	Cl. I Div.1 / Zone 0	Intrinsic Safe / Dust Ignition Proof
	CSA A 20/21		
S FM / CSA	Cl. II, III, Div.1	Zone 1	Flameproof / Increased Safety / Dust Ignition Proof
	CSA A 20/21		
U FM / CSA	Cl. II, III, Div.1	Cl. I Div.1 / Zone 1	Explosion Proof / Dust Ignition Proof
	CSA A 20/21		

pos. 3 Temperature extended shaft

- 1 without (upto $T_{process} = 150^{\circ}C$ (302°F) at $T_{amb} < 40^{\circ}C$ (104°F))
- 2 with (upto $T_{process} = 150^{\circ}C$ (302°F) at $T_{amb} > 40^{\circ}C$ (104°F))

pos. 4 Electronic module

- E Relay SPDT 19..230V AC 19..55V DC
- L Relay DPDT
 - └ 19..230V AC 19..55V DC
 - └ 19..230V AC 19..36V DC
- D PNP 18..50V DC
- K 2-wire without contact 19..230V AC/DC
- M NAMUR IEC 60947-5-6 2-wire
- N 8/16mA or 4-20mA 12,5..36V* DC 2-wire
- N 8/16mA or 4-20mA 12,5..36V* DC 2-wire

*30V intrinsic safe

applicable for certificates (pos.2)

	O	W	Y	R	T	M	N	P	S	U
	•	•	•	•	•	•	•	•	•	•
	•	•		(1)	(1)	•	•	(1)	(1)	
				(2)	(2)			(2)	(2)	
	•	•		•	•	•	•	•	•	•
			•					•		

(1) with pos.3 1

(2) with pos.3 2 or pos.26 1/2

pos. 5 Process connection

- A Thread R 1½ inch, conical DIN 2999
- B Thread NPT 1½ inch, conical ANSI B1.20.1
- P Triclamp 2" (DN 50) ISO 2852
- L Flange DN 100 PN6, EN1092-1 (max. 6 bar (87psi))
- M Flange DN 100 PN16, EN1092-1
- S Flange 2" 150lbs ANSI B16.5
- T Flange 3" 150lbs ANSI B16.5
- U Flange 4" 150lbs ANSI B16.5

pos. 8 Material of process connection / extension "L"

- 1 Stainless steel 1.4301 (304)
 - 2 Stainless steel 1.4571 (316Ti)
- Teflon coating on request

Further options and accessories: see page 14-16

Basic type

A					3	1	
---	--	--	--	--	---	---	--

← Order code

Position 1 2 3 4 5 6 7 8

All positions are available with special design (use code "Z").