

VN ..050 Cable extension

VN 1050



VN 2050



VN 5050



VN 6050



Housings VN 5050 / 6050



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):

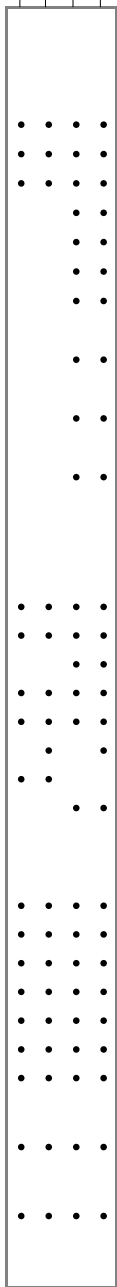
Version:	Cable entries:
ATEX flameproof (pos.2 T)	M20x1.5 (1x conduit + 1x Ex-d blind plug)
FM and CSA (pos.2 M,N,P,S,U)	NPT 1/2" tapered ANSI B1.20.1 (1x conduit + 1x Ex-d blind plug)
All other versions	M20x1.5 (1x screwed cable gland + 1x blind plug)

Dimensions see pages 17-20

VN ..050 Cable extension

Basic type

- VN 1050
- VN 2050
- VN 5050
- VN 6050



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 CSA A 20/21	-	Dust Ignition Proof
P FM / CSA	Cl. II, III, Div.1 CSA A 20/21	Cl. I Div.1 / Zone 0	Intrinsic Safe / Dust Ignition Proof
S FM / CSA	Cl. II, III, Div.1 CSA A 20/21	Zone 1	Flameproof / Increased Safety / Dust Ignition Proof
U FM / CSA	Cl. II, III, Div.1 CSA A 20/21	Cl. I Div.1 / Zone 1	Explosion Proof / Dust Ignition Proof

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)									
0	W	Y	R	T	M	N	P	S	U
•	•	•	•	•	•	•	•	•	•
•					•				
•	•	•	•	•	•	•	•	•	•
•	•						•		
•	•								

pos. 5 Process connection

- A Thread R 1½ inch, conical DIN 2999
- B Thread NPT 1½ inch, conical ANSI B1.20.1
- L Flange DN100 PN6, EN1092-1 (max. 6 bar (87psi))
- M Flange DN100 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. 7 Length of extension "L"

- Z (starting from 0mm) per 100mm (3.94") or part thereof; min. / max. see below

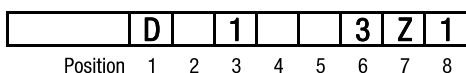
pos. 8 Material of process connection / extension "L"

- 1 Stainless steel 1.4301 (304)
- Stainless steel 1.4571 (316TI)
- Teflon coating

Further options and accessories: see page 14-16

Extension "L":
 min. 750mm (29,6")
 max. 7.000mm (276") for VN 1050/5050
 max. 20.000mm (787") for VN 2050/6050
 max. 10.000mm (394") for VN 2050/6050 with pos.4M

Basic type



Position 1 2 3 4 5 6 7 8

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

L= mm ← Order code