

Модульные коммутаторы серии NA-NB-NF

Технические характеристики

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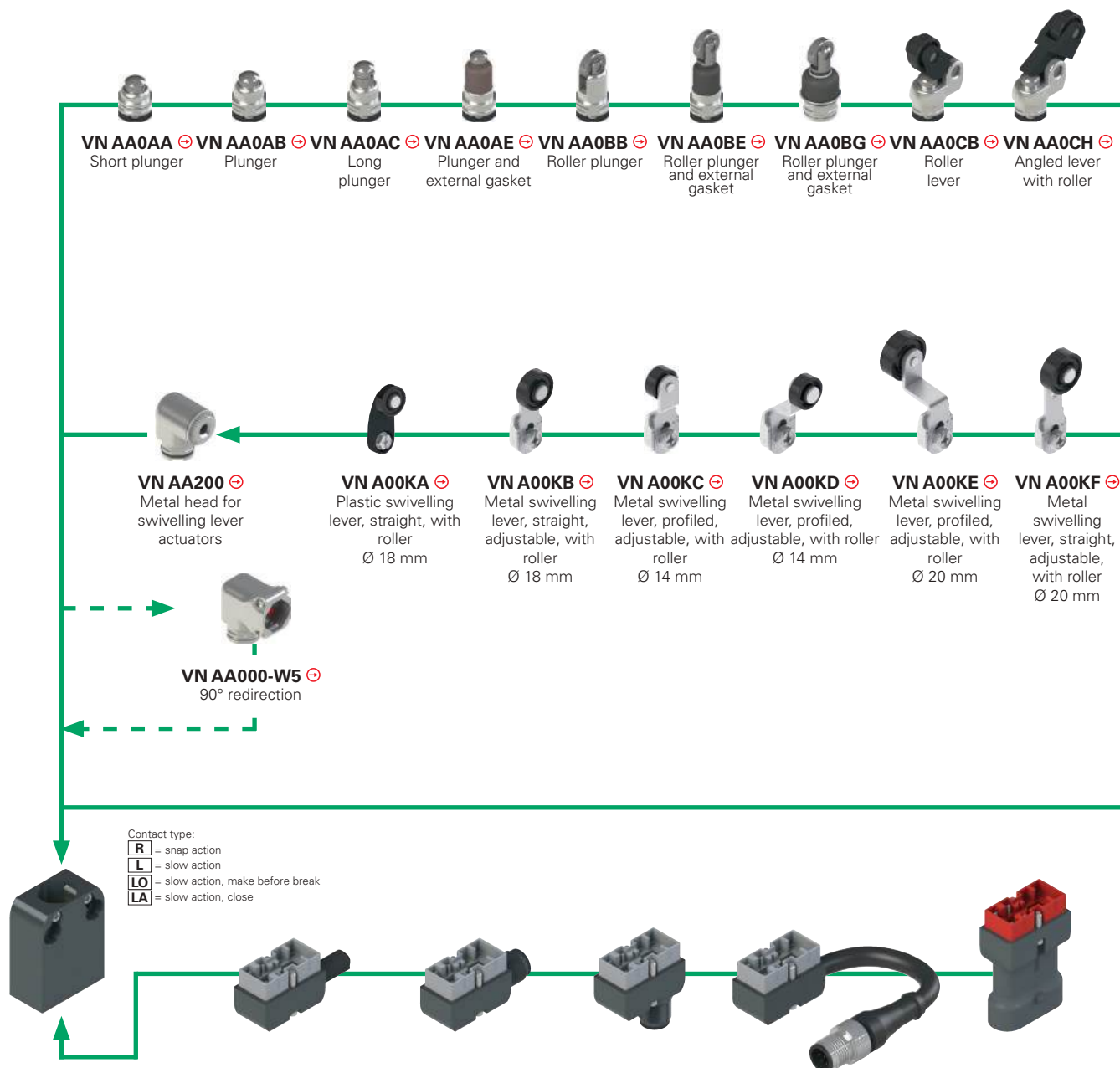
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Selection diagram for item combinations of the NA, NB, NF series



METAL housing, NA hole spacing 20 mm	
NA B11000 ⊕ 1NO+1NC	R
NA G11000 ⊕ 1NO+1NC	L
NA L11000 ⊕ 1NO+1NC	LA
NA H11000 ⊕ 1NO+1NC	LO
NA B02000 ⊕ 2NC	R
NA G02000 ⊕ 2NC	L
NA B20000 ⊕ 2NO	R
NA G20000 ⊕ 2NO	L
NA B12000 ⊕ 1NO+2NC	R
NA G12000 ⊕ 1NO+2NC	L
NA L12000 ⊕ 1NO+2NC	LA
NA H12000 ⊕ 1NO+2NC	LO
NA B22000 ⊕ 2NO+2NC	R
NA G22000 ⊕ 2NO+2NC	L
NA L22000 ⊕ 2NO+2NC	LA
NA H22000 ⊕ 2NO+2NC	LO

Metal connector with cable	Cable length (m)
VN CM11DN2	2
VN CM11DN5	5
VN CM02DN2	2
VN CM02DN5	5
VN CM20DN2	2
VN CM20DN5	5
VN CM12DN2	2
VN CM12DN5	5
VN CM22DN2	2
VN CM22DN5	5

M12 metal connector, right
VN CM11DMK
VN CM02DMK
VN CM20DMK
VN CM12DMK
VN CM22DMK

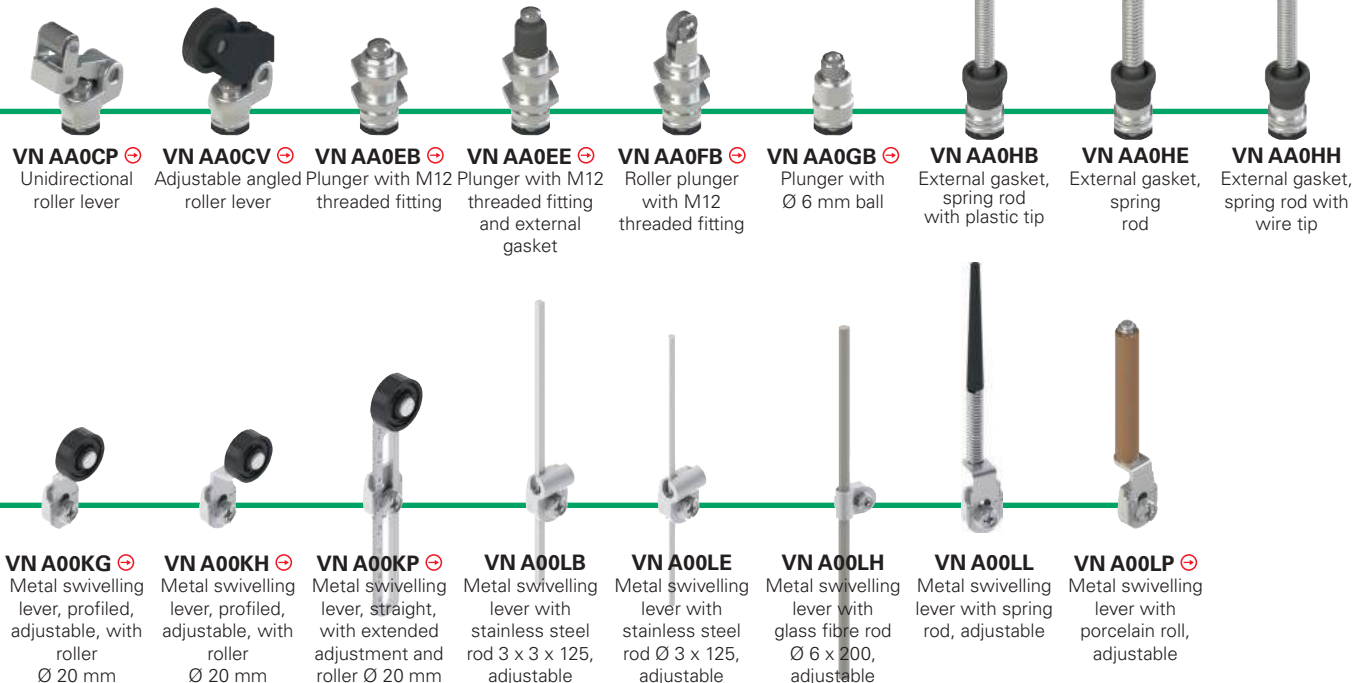
M12 metal connector, bottom
VN CM11SMK
VN CM02SMK
VN CM20SMK
VN CM12SMK
VN CM22SMK

Metal connector with cable and M12 connector	Cable length (m)
VN CM11DM0.2	0.2
VN CM02DM0.2	0.2
VN CM20DM0.2	0.2
VN CM12DM0.2	0.2
VN CM22DM0.2	0.2

AMP technopolymer connector, bottom
VN CM11SAK
VN CM02SAK
VN CM20SAK

To order a NB series housing, replace NA with NB in the codes shown above. Example:
NA B11000 → NB B11000

⚠ It is not allowed to install VN CM***** connectors on technopolymer housings



Contact type:
R = snap action
L = slow action
LO = slow action, make before break
LA = slow action, close

NFTECHNOPOLYMER housing, 20 mm hole spacing	
NF B11000	⊕ 1NO+1NC R
NF G11000	⊕ 1NO+1NC L
NF L11000	⊕ 1NO+1NC LA
NF H11000	⊕ 1NO+1NC LO
NF B02000	⊕ 2NC R
NF G02000	⊕ 2NC L
NF B20000	⊕ 2NO R
NF G20000	⊕ 2NO L
NF B12000	⊕ 1NO+2NC R
NF G12000	⊕ 1NO+2NC L
NF L12000	⊕ 1NO+2NC LA
NF H12000	⊕ 1NO+2NC LO
NF B22000	⊕ 2NO+2NC R
NF G22000	⊕ 2NO+2NC L
NF L22000	⊕ 2NO+2NC LA
NF H22000	⊕ 2NO+2NC LO

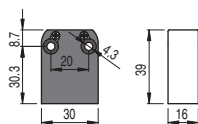
Technopolymer connector with cable	Cable length (m)	M12 technopolymer connector, right	M12 technopolymer connector, bottom	Technopolymer connector with cable and M12 connector	Cable length (m)	AMP technopolymer connector, bottom
VN CP11DN2	2	VN CP11DMK	VN CP11SMK	VN CP11DM0.2	0.2	VN CP11SAK
VN CP11DN5	5					
VN CP02DN2	2	VN CP02DMK	VN CP02SMK	VN CP02DM0.2	0.2	VN CP02SAK
VN CP02DN5	5					
VN CP20DN2	2	VN CP20DMK	VN CP20SMK	VN CP20DM0.2	0.2	VN CP20SAK
VN CP20DN5	5					
VN CP12DN2	2	VN CP12DMK	VN CP12SMK	VN CP12DM0.2	0.2	
VN CP12DN5	5					
VN CP22DN2	2	VN CP22DMK	VN CP22SMK	VN CP22DM0.2	0.2	
VN CP22DN5	5					

⚠ It is not allowed to install VN CP***** connectors on metal housings

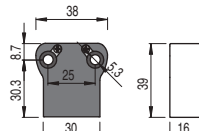
Housings

Contact type:
R = snap action
L = slow action
LO = slow action,
 make before
 break
LA = slow action,
 close

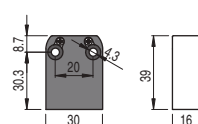
NA metal housings



NB metal housings



NF technopolymer housings



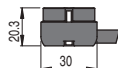
R	NA B11000	1NO+1NC	R	NB B11000	1NO+1NC	R	NF B11000	1NO+1NC
L	NA G11000	1NO+1NC	L	NB G11000	1NO+1NC	L	NF G11000	1NO+1NC
LA	NA L11000	1NO+1NC	LA	NB L11000	1NO+1NC	LA	NF L11000	1NO+1NC
LO	NA H11000	1NO+1NC	LO	NB H11000	1NO+1NC	LO	NF H11000	1NO+1NC
R	NA B12000	1NO+2NC	R	NB B12000	1NO+2NC	R	NF B12000	1NO+2NC
L	NA G12000	1NO+2NC	L	NB G12000	1NO+2NC	L	NF G12000	1NO+2NC
LA	NA L12000	1NO+2NC	LA	NB L12000	1NO+2NC	LA	NF L12000	1NO+2NC
LO	NA H12000	1NO+2NC	LO	NB H12000	1NO+2NC	LO	NF H12000	1NO+2NC
R	NA B22000	2NO+2NC	R	NB B22000	2NO+2NC	R	NF B22000	2NO+2NC
L	NA G22000	2NO+2NC	L	NB G22000	2NO+2NC	L	NF G22000	2NO+2NC
LA	NA L22000	2NO+2NC	LA	NB L22000	2NO+2NC	LA	NF L22000	2NO+2NC
LO	NA H22000	2NO+2NC	LO	NB H22000	2NO+2NC	LO	NF H22000	2NO+2NC

Quality marks:



Connectors with cable

metal connectors for NA and NB housings



technopolymer connectors for NF housings



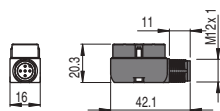
Cable type	Length (m)	metal connectors for NA and NB housings	technopolymer connectors for NF housings
N PVC	2	VN CM11DN2 1NO+1NC	VN CP11DN2 1NO+1NC
	5	VN CM11DN5 1NO+1NC	VN CP11DN5 1NO+1NC
	2	VN CM12DN2 1NO+2NC	VN CP12DN2 1NO+2NC
	5	VN CM12DN5 1NO+2NC	VN CP12DN5 1NO+2NC
	2	VN CM22DN2 2NO+2NC	VN CP22DN2 2NO+2NC
	5	VN CM22DN5 2NO+2NC	VN CP22DN5 2NO+2NC
H PUR halogen free	2	VN CM11DH2 1NO+1NC	VN CP11DH2 1NO+1NC
	5	VN CM11DH5 1NO+1NC	VN CP11DH5 1NO+1NC
	2	VN CM12DH2 1NO+2NC	VN CP22DH2 2NO+2NC
	5	VN CM12DH5 1NO+2NC	VN CP22DH5 2NO+2NC

Other cable lengths on request

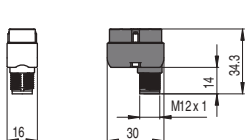
M12 connectors

metal connectors for NA and NB housings

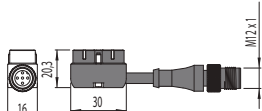
M12 connector, right



M12 connector, bottom



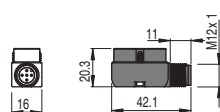
with cable and M12 connector



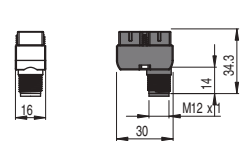
VN CM11DMK	1NO+1NC	VN CM11SMK	1NO+1NC	VN CM11DM0.2	1NO+1NC
VN CM02DMK	2NC	VN CM02SMK	2NC	VN CM02DM0.2	2NC
VN CM22DMK	2NO+2NC	VN CM22SMK	2NO+2NC	VN CM22DM0.2	2NO+2NC

technopolymer connectors for NF housings

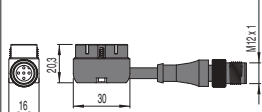
M12 connector, right



M12 connector, bottom



with cable and M12 connector

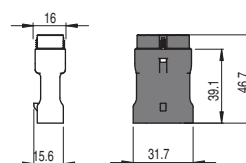


VN CP11DMK	1NO+1NC	VN CP11SMK	1NO+1NC	VN CP11DM0.2	1NO+1NC
VN CP02DMK	2NC	VN CP02SMK	2NC	VN CP02DM0.2	2NC
VN CP22DMK	2NO+2NC	VN CP22SMK	2NO+2NC	VN CP22DM0.2	2NO+2NC

AMP connectors

technopolymer connectors for NA and NB housings

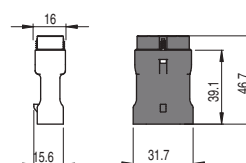
AMP superseal 1.5



VN CM11SAK	1NO+1NC
VN CM02SAK	2NC
VN CM20SAK	2NO

technopolymer connectors for NF housings

AMP superseal 1.5



VN CP11SAK	1NO+1NC
VN CP02SAK	2NC
VN CP20SAK	2NO

Important: Always check that the applied electric load is within the voltage and current limits defined for the connectors.
 See tables on page 118 and 128.

All values in the drawings are in mm

Accessories See page 207



Actuators

VN AA0AA	VN AA0AB	VN AA0AC	VN AA0AE	VN AA0BB	VN AA0BE
VN AA0BG	VN AA0CB	VN AA0CH	VN AA0CP	VN AA0CV	VN AA0EB
VN AA0EE	VN AA0FB	VN AA0GB	VN AA0HB	VN AA0HE	VN AA0HH

Levers

ATTENTION: These separate actuators can be used only with items of the NA, NB and NF series.

VN A00KA	VN A00KB	VN A00KC	VN A00KD	VN A00KE	VN A00KF
VN A00KG	VN A00KH	VN A00KP	VN A00LB	VN A00LE	VN A00LH
VN A00LL	VN A00LP	VN A00KB-V38	VN A00KE-V38	VN A00KG-V38	VN A00KP-V38

Heads

VN AA200

90° redirection

VN AA000-W5

All values in the drawings are in mm

Accessories See page 207

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