Compact 1.1 (2..5-way)

General information



Technical description

The compact connector Compact 1.1 is used for the connection of such automotive electronic assemblies as sensors and actuators. The plug-in connection has a radial seal and individual wire seals for the wiring. The plug-in connection is suitable for engine-compartment installation and engine-mounted components.

The compact connector is connected (disconnected) directly and locked by a plastic lug.

Features

- BDK contact (advanced version of BSK contact)
- Sealed plug-in connection
- ▶ No. of contacts 2, 3, 5
- ► Individual wire seal
- ► Less space required

Technical features

- ▶ Vibration resistance: 20...30 g (depending on number of poles)
- ► Temperature range: -40...+150° C (contact with gold-plated surface)
- ▶ Degree of protection: IP X4K, X9K
- Connection cross-sections: 0.5...2.5 mm²
- Suitable contacts: BDK 2.8 (advanced version of BSK 2.8) with individual wire seal
- Contact spacing/posts: 5 mm/2.8 mm

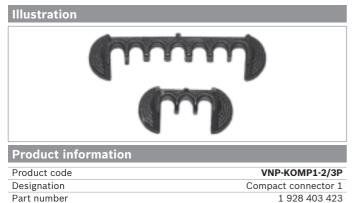
All currently applicable quotation drawings and technical customer documentation for the Compact 1.1 (2..5-way) product category can be found in the internet under <u>www.bosch-connectors.com</u>.

Illustration	
Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 403 422
Quotation drawing (component)	1 928 A00 257

No. of poles	2
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 17.40 mm
Temperature range, min./max	40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

Compact 1.1 (2..5-way)

3-way end clip

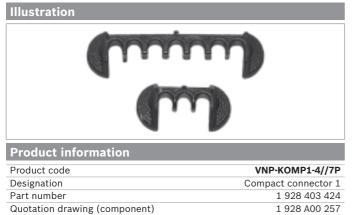


1 928 A00 257

Technical data	
No. of poles	3
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 22.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

4-way end clip

Quotation drawing (component)



Technical data	
No. of poles	4
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 27.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

Illustration	
Product information	
Product code	VNP-KOMP2-4//7P
Designation	Compact connector 2
Part number	1 928 403 425
Quotation drawing (component)	1 928 A00 257

Technical data	
No. of poles	5
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With slide
Vibration resistance	24 g
Dimensions (L x W x H)	11.50 x 7.10 x 32.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

Compact 1.1 (2..5-way)

Compact connector 1.1; 2-way

Illustration	
Product information	
Product information Product code	VNP-KOMP1-2/3
	VNP-KOMP1-2/3 Compact connector 1
Product code	,

Technical data	
No. of poles	2
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	20 g
Dimensions (L x W x H)	26.20 x 20.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield

Compact connector 1.1; 3-way



Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1
Part number	1 928 404 073
Quotation drawing (component)	A 928 000 453

Technical data	
No. of poles	3
Color (FA)	Black
Encoding	1
Secondary lock	None
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	20 g
Dimensions (L x W x H)	31.20 x 20.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield

Compact connector 1.1; 3-way

Illustration	
Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1
Part number	1 928 404 074
Quotation drawing (component)	A 928 000 453

No. of poles	3
Color (FA)	Black
Encoding	2
Secondary lock	None
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	20 g
Dimensions (L x W x H)	31.20 x 20.80 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Engine attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield

Compact 1.1 (2..5-way)

Compact connector 1.1; 5-way

Illustration



Product code	VNP-KOMP
Designation	Compact connector
Part number	1 928 404 075
Quotation drawing (component)	A 928 000 453

lo. of poles	5
Color (FA)	Black
ncoding	1
econdary lock	None
ype of contact	BSK 2.8
ype of seal (plug)	Radial seal
ype of seal (cable)	Individual wire seal
ype of locking (plug)	With plastic lug
)imensions (L x W x H)	41.00 x 22.80 x 30.40 mm
emperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
low spacing	2.80 mm
pplications	Bodywork attachment
egree of protection	IPX 4K, 9K
ther features (SO)	No shield

Compact connector 1.1; 4-way



Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.1
Part number	1 928 404 745
Quotation drawing (component)	A 928 000 453

Technical data	
No. of poles	4
Color (FA)	Black
Type of contact	BSK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	20 g
Dimensions (L x W x H)	30.60 x 15.30 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX 4K, 9K

Compact connector 1.1; 4-way

Illustration	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.1
Part number	1 928 404 825
	A 928 000 453

No. of poles	4
Color (FA)	Black
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	20 g
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K,IPX9K
Other features (SO)	No shield

Compact 1.1 (2..5-way)

2-way end clip

Illustration		
Product inform	ation	,
Product code		VAFK
Designation	General connection sys	stems, external customers
Part number		1 928 404 886
Quotation drawing (component)	1 928 A00 257

Technical data	
No. of poles	2
Color (FA)	Neutral
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 17.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K,IPX9K

3-way end clip

Illustration		
Product informa	tion	
Product code		VAFK
Designation	General connection syste	ms, external customers
Part number		1 928 404 887
Quotation drawing (c	omponent)	1 928 A00 257

Technical data	
No. of poles	3
Color (FA)	Neutral
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 22.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Degree of protection	IPX4K, IPX9K

Illustration	
Product information	
Product code	VAFK
Designation General connection	systems, external customers
Part number	1 928 404 888
Quotation drawing (component) 1 928 A00 257	

Technical data	
No. of poles	4
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	27.40 x 11.50 x 7.10 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

Compact 1.1 (2..5-way)

Illustration		
Product information		
Product code		VAFK
Designation	General connection systems	s, external customers
Part number		1 928 404 889
Quotation drawing (component) 1 928 A00		1 928 A00 257

5
Neutral
None
Radial seal
Individual wire seal
With plastic lug
25 g
32.40 x 11.50 x 7.10 mm
-40 / 150 °C
5 mm
2.80 mm
Engine attachment
IPX4K, IPX9K