

Low-way plug-in connections

Compact 1.1 (2..5-way)

General information

Illustration



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 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.

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 www.bosch-connectors.com.

2-way end clip

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


Technical data

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

Low-way plug-in connections


Compact 1.1 (2..5-way)

3-way end clip

Illustration	
	
Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 403 423
Quotation drawing (component)	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

Illustration	
	
Product information	
Product code	VNP-KOMP1-4/7P
Designation	Compact connector 1
Part number	1 928 403 424
Quotation drawing (component)	1 928 A00 257

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

5-way end clip


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

Low-way plug-in connections


Compact 1.1 (2..5-way)

Compact connector 1.1; 2-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.1
Part number	1 928 404 072
Quotation drawing (component)	A 928 000 453


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

Illustration	
	
Product information	
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

Technical data	
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

Low-way plug-in connections


Compact 1.1 (2..5-way)

Compact connector 1.1; 5-way

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


Technical data	
No. of poles	5
Color (FA)	Black
Encoding	1
Secondary lock	None
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
Dimensions (L x W x H)	41.00 x 22.80 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
Other features (SO)	No shield

Compact connector 1.1; 4-way

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

Technical data	
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


Low-way plug-in connections

Compact 1.1 (2..5-way)


2-way end clip

Illustration		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
Product information			
Product code	VAFK		
Designation	General connection systems, external customers		
Part number	1 928 404 886		
Quotation drawing (component)	1 928 A00 257		

3-way end clip

Illustration		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
Product information			
Product code	VAFK		
Designation	General connection systems, external customers		
Part number	1 928 404 887		
Quotation drawing (component)	1 928 A00 257		


4-way end clip

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

Low-way plug-in connections

Compact 1.1 (2..5-way)

5-way end clip

Illustration		Technical data	
		No. of poles	5
		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)	32.40 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
Product information			
Product code		VAFK	
Designation		General connection systems, external customers	
Part number		1 928 404 889	
Quotation drawing (component)		1 928 A00 257	