

Low-way plug-in connections

Compact 2+2.1 (2..5-way)

General information

Illustration



Features

- ▶ Locking slide
- ▶ Sealed plug-in connection
- ▶ No. of contacts
 - 2...5 (Compact 2)
 - 3 (Compact 2.1)
- ▶ Individual wire seal
- ▶ Less space required

Technical description

The compact connector Compact 2/Compact 2.1 is used for the connection of such automotive electronic assemblies as sensors and actuators.

The plug-in connection has a radial seal and has individual wire seals for the wiring.

The plug-in connection is suitable for engine-compartment installation and engine-mounted components. A slide is used for pull-in and locking. This is double-acting with the Compact 2-connector and single-acting with the Compact 2.1 connector.

Technical features

- ▶ Vibration resistance:
 - 24 g (Compact 2)
 - 4 g (Compact 2.1)
- ▶ Temperature range: -40...+150° C (contact with gold-plated surface)
- ▶ Degree of protection: IP X4K, IP X9K
- ▶ Connection cross-sections: 0.35...2.5 mm²
- ▶ Suitable contacts: JPT with individual wire seal
- ▶ Contact spacing/posts: 5 mm/2.8 mm

All currently applicable quotation drawings and technical customer documentation for the Compact 2+2.1 (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 2+2.1 (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 2+2.1 (2..5-way)


5-way grooved tubular mount

Illustration		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
		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	VNP-KOMP1-4//7P		
Designation	Compact connector 2		
Part number	1 928 403 431		
Quotation drawing (component)	C 928 001 46A		

Compact connector 2; 3-way

Illustration		Technical data	
		No. of poles	3
		Encoding	1
		Outgoing cable direction (KR)	Top
		Secondary lock	None
		Type of contact	JPT
		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)	35.00 x 25.00 x 30.00 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)	Slide on left, FA = black
Product information			
Product code	VNP-KOMP2-2//3P		
Designation	Compact connector 2		
Part number	1 928 403 436		
Quotation drawing (component)	A 928 000 300		

Compact connector 2; 4-way

Illustration		Technical data	
		No. of poles	4
		Color (FA)	Black
		Encoding	1
		Outgoing cable direction (KR)	Top
		Secondary lock	None
		Type of contact	JPT
		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)	40.00 x 27.00 x 30.00 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)	Slide on left
Product information			
Product code	VNP-KOMP2-4//7P		
Designation	Compact connector 2		
Part number	1 928 403 440		
Quotation drawing (component)	A 928 000 300		

Low-way plug-in connections

Compact 2+2.1 (2..5-way)

Compact connector 2; 4-way

Illustration



Product information

Product code	VNP-KOMP2-4//7P
Designation	Compact connector 2
Part number	1 928 403 441
Quotation drawing (component)	A 928 000 300

Technical data

No. of poles	4
Color (FA)	Black
Encoding	1
Outgoing cable direction (KR)	Top
Secondary lock	None
Type of contact	JPT
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)	40.00 x 27.00 x 30.00 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)	Slide on right

Compact connector 2.1; 3-way

Illustration



Product information

Product code	VNP-KOMP1-2//3P
Designation	Compact connector 2
Part number	1 928 403 809
Quotation drawing (component)	A 928 000 384

Technical data

No. of poles	3
Color (FA)	Black
Encoding	1
Outgoing cable direction (KR)	Top
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	24 g
Dimensions (L x W x H)	35.00 x 21.00 x 30.00 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)	Single-acting slide on left

Compact connector 2; 5-way

Illustration



Product information

Product code	VNP-KOMP2-4//7P
Designation	Compact connector 2
Part number	1 928 404 225
Quotation drawing (component)	A 928 000 300


Technical data

No. of poles	5
Color (FA)	Black
Encoding	5
Outgoing cable direction (KR)	Top
Secondary lock	None
Type of contact	JPT
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	24 g
Dimensions (L x W x H)	43.00 x 25.00 x 30.00 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)	Slide on left


Low-way plug-in connections

Compact 2+2.1 (2..5-way)


2-way end clip

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Neutral
Product information		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
Quotation drawing (component)	1 928 A00 257	Degree of protection	IPX4K, IPX9K

3-way end clip

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Neutral
Product information		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
		Quotation drawing (component)	1 928 A00 257

4-way end clip

Illustration		Technical data	
		No. of poles	4
		Secondary lock	None
Product information		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
		Quotation drawing (component)	1 928 A00 257

Low-way plug-in connections

Compact 2+2.1 (2..5-way)

5-way end clip

Illustration



Product information

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

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