

Low-way plug-in connections

Compact 3 (2..6-way)

General information

Illustration



Features

- ▶ Check slide (CPA)
- ▶ Sealed plug-in connection
- ▶ No. of contacts 2...5
- ▶ Individual wire seal
- ▶ Secondary lock

Technical description

The compact connector Compact 3 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 for engine-mounted components. For greater contact reliability, the connector features a secondary lock. The compact connector is connected (disconnected) directly. Proper connection of the plug to the interface can be checked using the slide (CPA). The slide can only be locked if the connector has been fitted correctly.

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, X6K, 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 3 (2..6-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 3 (2..6-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 3 (2..6-way)

6-way end clip

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 426
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	6
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 37.40 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

6-way end clip with grooved tubular connection

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 432
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	6
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)	26.10 x 37.40 x 29.20 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 connector 3; 5-way

Illustration



Product information

Product code	VNP-KOMP3-4//7P
Designation	Compact connector 3
Part number	1 928 404 156
Quotation drawing (component)	A 928 000 351

Technical data

No. of poles	5
Color (FA)	Black, CPA = yellow
Encoding	1
Secondary lock	Sliding pin
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With check slide
Vibration resistance	20 g
Dimensions (L x W x H)	46.60 x 22.60 x 31.50 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, 6K, 9K
Other features (SO)	Molded shield

Low-way plug-in connections

Compact 3 (2..6-way)

Compact connector 3; 4-way

Illustration



Product information

Product code	VNP-KOMP3-4//7P
Designation	Compact connector 3
Part number	1 928 404 160
Quotation drawing (component)	A 928 000 351

Technical data

No. of poles	4
Color (FA)	Black, CPA = yellow
Encoding	1
Secondary lock	Sliding pin
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By check slide
Vibration resistance	20 g
Dimensions (L x W x H)	41.60 x 22.60 x 31.50 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, 6K, 9K
Other features (SO)	Molded shield

Compact connector 3; 3-way

Illustration



Product information

Product code	VNP-KOMP3-2/3P
Designation	Compact connector 3
Part number	1 928 404 163
Quotation drawing (component)	A 928 000 351

Technical data

No. of poles	3
Color (FA)	Black, CPA = yellow
Encoding	1
Secondary lock	Sliding pin
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By check lever
Vibration resistance	20 g
Dimensions (L x W x H)	36.50 x 20.60 x 31.50 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, 6K, 9K
Other features (SO)	Molded shield

Compact connector 3; 2-way

Illustration



Product information

Product code	VNP-KOMP3-2/3P
Designation	Compact connector 3
Part number	1 928 404 166
Quotation drawing (component)	A 928 000 351


Technical data

No. of poles	2
Color (FA)	Black, CPA = yellow
Encoding	1
Secondary lock	Sliding pin
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By check slide
Vibration resistance	20 g
Dimensions (L x W x H)	31.50 x 20.60 x 31.50 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, 6K, 9K
Other features (SO)	Molded shield


Low-way plug-in connections

Compact 3 (2..6-way)


Compact connector 3; 3-way

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Black, CPA = yellow
Product information		Encoding	2
		Secondary lock	Sliding pin
Product code	VNP-KOMP3-2/3P	Type of contact	BDK 2.8
Designation	Compact connector 3	Type of seal (plug)	Radial seal
Part number	1 928 404 368	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 351	Type of locking (plug)	With check slide
		Vibration resistance	20 g
		Dimensions (L x W x H)	36.50 x 20.60 x 31.50 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, 6K, 9K
		Other features (SO)	Molded shield

Compact connector 3; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Brown, CPA = yellow
Product information		Encoding	1
		Secondary lock	Sliding pin
Product code	VNP-KOMP3-2/3P	Type of contact	BDK 2.8
Designation	Compact connector 3	Type of seal (plug)	Radial seal
Part number	1 928 404 570	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 351	Type of locking (plug)	With check slide
		Vibration resistance	20 g
		Dimensions (L x W x H)	31.50 x 20.60 x 31.50 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, 6K, 9K
		Other features (SO)	Molded shield

Compact connector 3; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	White, CPA = yellow
Product information		Encoding	2
		Secondary lock	Sliding pin
Product code	VNP-KOMP3-2/3P	Type of contact	BDK 2.8
Designation	Compact connector 3	Type of seal (plug)	Radial seal
Part number	1 928 404 571	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 351	Type of locking (plug)	With check slide
		Vibration resistance	20 g
		Dimensions (L x W x H)	31.50 x 20.60 x 31.50 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, 6K, 9K
		Other features (SO)	Molded shield

Low-way plug-in connections

Compact 3 (2..6-way)

Compact connector 3; 3-way

Illustration



Product information

Product code	VNP-KOMP3-2/3P
Designation	Compact connector 3
Part number	1 928 404 572
Quotation drawing (component)	A 928 000 351

Technical data

No. of poles	3
Color (FA)	blue, CPA = yellow
Encoding	1
Secondary lock	Sliding pin
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With check slide
Vibration resistance	20 g
Dimensions (L x W x H)	36.50 x 20.60 x 31.50 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, 6K, 9K
Other features (SO)	Molded shield

Compact connector 3; 5-way (no CPA)

Illustration



Product information

Product code	VNP-KOMP3-4/7P
Designation	Compact connector 3
Part number	1 928 404 641
Quotation drawing (component)	A 928 000 351

Technical data

No. of poles	5
Color (FA)	Black
Encoding	1
Secondary lock	Sliding pin
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Vibration resistance	20 g
Dimensions (L x W x H)	46.60 x 22.60 x 31.50 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, 6K, 9K
Comments	Special version; without CPA for Bosch HFM5 use only, not released for any other applications

Compact connector 3; 6-way

Illustration



Product information

Product code	VNP-KOMP3-4/7P
Designation	Compact connector 3
Part number	1 928 404 648
Quotation drawing (component)	A 928 000 351

Technical data

No. of poles	6
Color (FA)	Black, CPA = yellow
Type of contact	BDK 2.8
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With check slide
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	IP X 4,6,9K

Low-way plug-in connections

Compact 3 (2..6-way)

2-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, 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 information

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

4-way end clip

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

Low-way plug-in connections

Compact 3 (2..6-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

6-way end clip

Illustration



Product information

Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 404 890
Quotation drawing (component)	1 928 A00 257

Technical data

No. of poles	6
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)	37.40 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