

Low-way plug-in connections

Compact 1 (2..7-way)

General information

Illustration



Features

- ▶ Sealed plug-in connection
- ▶ No. of contacts 2...7
- ▶ Individual wire seal
- ▶ Less space required

Technical description

The compact connector Compact 1 is used to connect electronic assemblies such as sensors and actuators in motor vehicles. 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: 25...30 g (depending on number of poles)
- ▶ 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 1 (2..7-way) product category can be found in the internet under www.bosch-connectors.com.

3-way compact connector

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 402 868
Quotation drawing (component)	D 928 000 90A


Technical data

No. of poles	3
Color (FA)	Black
Encoding	1
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 plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	23.20 x 19.00 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/no sleeve connection


Low-way plug-in connections

Compact 1 (2..7-way)


Compact connector 1; 3-way

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Black
Product information		Encoding	1
		Secondary lock	None
Product code	VNP-KOMP1-2/3P	Type of contact	JPT
Designation	Compact connector 1	Type of seal (plug)	Radial seal
Part number	1 928 403 110	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 452	Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	26.20 x 19.00 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; 4-way

Illustration		Technical data	
		No. of poles	4
		Color (FA)	Black
Product information		Encoding	1
		Secondary lock	None
Product code	VNP-KOMP1-4/7P	Type of contact	JPT
Designation	Compact connector 1	Type of seal (plug)	Radial seal
Part number	1 928 403 112	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 452	Type of locking (plug)	Using a plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	30.00 x 21.00 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; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Black
Product information		Encoding	1
		Secondary lock	None
Product code	VNP-KOMP1-2/3P	Type of contact	JPT
Designation	Compact connector 1	Type of seal (plug)	Radial seal
Part number	1 928 403 137	Type of seal (cable)	Individual wire seal
Quotation drawing (component)	A 928 000 452	Type of locking (plug)	With plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	21.20 x 19.00 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 (2..7-way)

Compact connector 1; 5-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 146
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	5
Color (FA)	Black
Encoding	1
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 plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	35.00 x 21.00 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; 6-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 202
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	6
Color (FA)	Black
Encoding	1
Secondary lock	Locking plate
Type of contact	JPT
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)	40.00 x 21.00 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; 7-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector
Part number	1 928 403 220
Quotation drawing (component)	A 928 000 452


Technical data

No. of poles	7
Color (FA)	Black
Encoding	1
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 plastic lug
Vibration resistance	20 g
Dimensions (L x W x H)	45.00 x 21.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Degree of protection	IPX 4K,9K
Other features (SO)	No shield


Low-way plug-in connections

Compact 1 (2..7-way)


3-way compact connector

Illustration		Technical data	
		No. of poles	3
		Color (FA)	Gray
		Encoding	1
		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 plastic lug
		Vibration resistance	25 g
		Dimensions (L x W x H)	23.20 x 19.00 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/no sleeve connection
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1		
Part number	1 928 403 238		
Quotation drawing (component)	D 928 000 90A		

2-way end clip

Illustration		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
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		

3-way end clip

Illustration		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
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		

Low-way plug-in connections

Compact 1 (2..7-way)

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

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


Low-way plug-in connections

Compact 1 (2..7-way)


7-way end clip

Illustration		Technical data	
		No. of poles	7
		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)	42.40 x 11.50 x 7.10 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Bodywork attachment
		Degree of protection	IPX4K, IPX9K
Product information			
Product code	VAFK		
Designation	General connection systems, external customers		
Part number	1 928 403 427		
Quotation drawing (component)	1 928 A00 257		

6-way end clip with grooved tubular connection

Illustration		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
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		

Compact connector 1; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Gray
		Encoding	2
		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 plastic lug
		Vibration resistance	30 g
		Dimensions (L x W x H)	21.20 x 19.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	1.00 mm
		Applications	Bodywork attachment
		Degree of protection	IPX 4K,9K
		Other features (SO)	No shield
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1		
Part number	1 928 403 722		
Quotation drawing (component)	A 928 000 452		

Low-way plug-in connections

Compact 1 (2..7-way)

Compact connector 1; 5-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1
Part number	1 928 403 813
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	5
Color (FA)	Black
Encoding	5
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 plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	35.00 x 21.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Bodywork attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield

Compact connector 1; 3-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 403 915
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	3
Color (FA)	Gray
Encoding	1
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 plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	26.20 x 19.00 x 30.40 mm
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	1.00 mm
Applications	Bodywork attachment
Degree of protection	IPX 4K, 9K
Other features (SO)	No shield

Compact connector 1; 3-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1
Part number	1 928 404 550
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	3
Color (FA)	Gray
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 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

Low-way plug-in connections

Compact 1 (2..7-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 1 (2..7-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