

Low-way plug-in connections

Compact 1.m (2..7-way)

General information

Illustration



Features

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

Technical description

The compact connector Compact 1.m 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. This connector also has a shield in the area of the radial seal. 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.m (2..7-way) product category can be found in the internet under www.bosch-connectors.com.

Compact connector 1.m; 2-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.m
Part number	1 928 403 192
Quotation drawing (component)	A 928 000 452


Technical data

No. of poles	2
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)	Plastic lug
Vibration resistance	25 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	IPX4K, 6K, 9K
Other features (SO)	Fitted with shield

Low-way plug-in connections


Compact 1.m (2..7-way)

Compact connector 1.m; 2-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.m
Part number	1 928 403 194
Quotation drawing (component)	A 928 000 452


Technical data	
No. of poles	2
Color (FA)	blue
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 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, 6K, 9K
Other features (SO)	Fitted with shield

Compact connector 1.m; 3-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.m
Part number	1 928 403 196
Quotation drawing (component)	A 928 000 452

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)	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, 6K, 9K
Other features (SO)	Fitted with shield

Compact connector 1.m; 4-way


Illustration	
	
Product information	
Product code	VNP-KOMP1-4/7P
Designation	Compact connector 1.m
Part number	1 928 403 198
Quotation drawing (component)	A 928 000 452

Technical data	
No. of poles	4
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)	36.00 x 22.80 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, 6K, 9K
Other features (SO)	Fitted with shield


Low-way plug-in connections

Compact 1.m (2..7-way)


Compact connector 1.m; 5-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-4//7P	No. of poles	5
Designation	Compact connector 1.m	Color (FA)	Black
Part number	1 928 403 200	Encoding	1
Quotation drawing (component)	A 928 000 452	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)	41.00 x 22.80 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, 6K, 9K
		Other features (SO)	Fitted with shield

Compact connector 1.m; 6-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-4//7P	No. of poles	6
Designation	Compact connector 1.m	Color (FA)	Black
Part number	1 928 403 204	Encoding	1
Quotation drawing (component)	A 928 000 452	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)	46.00 x 22.80 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, 6K, 9K
		Other features (SO)	Fitted with shield


Compact connector 1.m; 7-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP	No. of poles	7
Designation	Compact connector	Color (FA)	Black
Part number	1 928 403 222	Encoding	1
Quotation drawing (component)	A 928 000 452	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)	51.00 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)	Fitted with shield

Low-way plug-in connections


Compact 1.m (2..7-way)

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

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

Low-way plug-in connections


Compact 1.m (2..7-way)

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

7-way end clip


Illustration	
	
Product information	
Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 403 427
Quotation drawing (component)	1 928 A00 257

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

Low-way plug-in connections


Compact 1.m (2..7-way)

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 1.m; 5-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.m
Part number	1 928 403 812
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	Engine attachment
Degree of protection	IPX 4K, 6K, 9K
Other features (SO)	With shield


Compact connector 1.m; 6-way

Illustration		Technical data	
		No. of poles	6
		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	25 g
		Dimensions (L x W x H)	46.00 x 22.80 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, 6K, 9K
		Other features (SO)	Fitted with shield
Product information			
Product code	VNP-KOMP1-4//7P		
Designation	Compact connector 1.m		
Part number	1 928 403 815		
Quotation drawing (component)	A 928 000 452		

Low-way plug-in connections


Compact 1.m (2..7-way)

Compact connector 1.m; 3-way

Illustration	
	
Product information	
Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.m
Part number	1 928 403 914
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)	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, 6K, 9K
Other features (SO)	Fitted with shield

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


Low-way plug-in connections

Compact 1.m (2..7-way)


4-way end clip

Illustration		Technical data	
		No. of poles	4
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)	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
Product code	VAFK	Applications	Engine attachment
Designation	General connection systems, external customers	Degree of protection	IPX4K, IPX9K
Part number	1 928 404 888		
Quotation drawing (component)	1 928 A00 257		

5-way end clip

Illustration		Technical data	
		No. of poles	5
Product information		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
Product code	VAFK	Row spacing	2.80 mm
Designation	General connection systems, external customers	Applications	Engine attachment
Part number	1 928 404 889	Degree of protection	IPX4K, IPX9K
Quotation drawing (component)	1 928 A00 257		

6-way end clip

Illustration		Technical data	
		No. of poles	6
Product information		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
Product code	VAFK	Row spacing	2.80 mm
Designation	General connection systems, external customers	Applications	Engine attachment
Part number	1 928 404 890	Degree of protection	IPX4K, IPX9K
Quotation drawing (component)	1 928 A00 257		