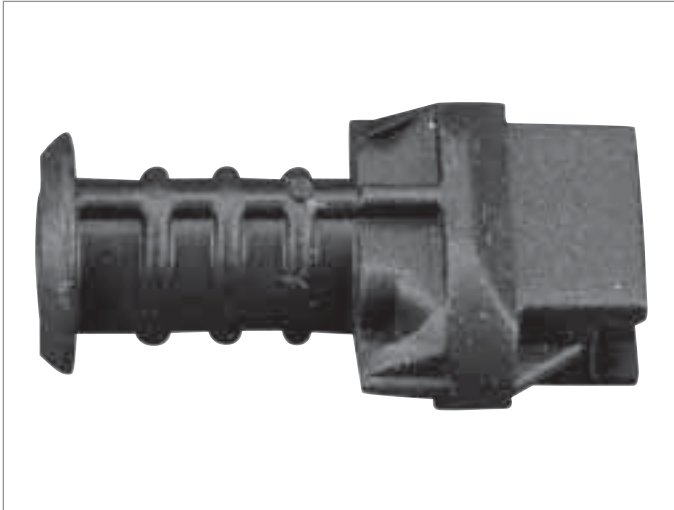


Low-way plug-in connections

Compact 1.a (2..6-way)

General information

Illustration



Technical description

The compact connector Compact 1.a is used for the connection of such electronic assemblies as sensors and actuators in motor vehicles. The plug-in connection is sealed by a radial seal and individual wire seals for the wiring. The plug-in connection is suitable for engine-compartment installation and engine-mounted components. This connector also features a molded shield in the area of the radial seal. The compact connector is connected (disconnected) directly and locked by plastic lug.

Features

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

Technical features

- ▶ Vibration resistance: 30 g (50h)
- ▶ 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.a (2..6-way) product category can be found in the internet under www.bosch-connectors.com.

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

Low-way plug-in connections

Compact 1.a (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 1.a (2..6-way)


6-way end clip

Illustration		Technical data	
		No. of poles	6
		Color (FA)	Black
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 37.40 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

6-way end clip with grooved tubular connection

Illustration		Technical data	
		No. of poles	6
		Color (FA)	Black
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)	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
Quotation drawing (component)	1 928 A00 257	Degree of protection	IPX4K, IPX9K

Compact connector 1.a; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Black
Product information		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	30 g
		Dimensions (L x W x H)	26.20 x 20.00 x 30.40 mm
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
Row spacing	1.00 mm		
Applications	Engine attachment		
Quotation drawing (component)	A 928 000 452	Degree of protection	IPX 4K,6K,9K
		Other features (SO)	Molded shield

Low-way plug-in connections

Compact 1.a (2..6-way)

Compact connector 1.a; 3-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.a
Part number	1 928 403 870
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	30 g
Dimensions (L x W x H)	31.20 x 20.00 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)	Molded shield

Compact connector 1.a; 4-way

Illustration



Product information

Product code	VNP-KOMP1-4/7P
Designation	Compact connector 1.a
Part number	1 928 403 913
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	30 g
Dimensions (L x W x H)	36.20 x 22.00 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)	Molded shield

Compact connector 1.a; 2-way

Illustration



Product information

Product code	VNP-KOMP1-2/3P
Designation	Compact connector 1.a
Part number	1 928 403 920
Quotation drawing (component)	A 928 000 452


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)	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)	Molded shield


Low-way plug-in connections

Compact 1.a (2..6-way)


Compact connector 1.a; 5-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-4//7P	No. of poles	5
Designation	Compact connector 1.a	Color (FA)	Black
Part number	1 928 404 219	Encoding	5
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	30 g
		Dimensions (L x W x H)	41.20 x 22.00 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)	Molded shield

Compact connector 1.a; 5-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-4//7P	No. of poles	5
Designation	Compact connector 1.a	Color (FA)	Black
Part number	1 928 404 221	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	30 g
		Dimensions (L x W x H)	41.20 x 22.00 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)	Molded shield

Compact connector 1.a; 2-way

Illustration		Technical data	
			
Product information			
Product code	VNP-KOMP1-2//3P	No. of poles	2
Designation	Compact connector 1.a	Color (FA)	Neutral
Part number	1 928 404 476	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	30 g
		Dimensions (L x W x H)	26.20 x 20.00 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)	Molded shield

Low-way plug-in connections

Compact 1.a (2..6-way)

Compact connector 1.a; 4-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.a
Part number	1 928 404 627
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	4
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	30 g
Temperature range, min./max.	-40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IPX4K, 6K, 9K
Other features (SO)	Molded shield

Compact connector 1.a; 6-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.a
Part number	1 928 404 629
Quotation drawing (component)	A 928 000 452

Technical data

No. of poles	6
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	30 g
Dimensions (L x W x H)	46.20 x 22.00 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)	Molded shield

Compact connector 1.a; 6-way

Illustration



Product information

Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.a
Part number	1 928 404 631
Quotation drawing (component)	A 928 000 452


Technical data

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	20 g
Dimensions (L x W x H)	46.20 x 22.00 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)	Molded shield


Low-way plug-in connections

Compact 1.a (2..6-way)


Compact connector 1.a; 2-way

Illustration		Technical data	
		No. of poles	2
		Color (FA)	Neutral
		Type of seal (plug)	Radial seal
		Type of seal (cable)	Individual wire seal
		Type of locking (plug)	With plastic lug
		Vibration resistance	30 g
		Temperature range, min./max.	-40 / 150 °C
		Contact spacing	5 mm
		Row spacing	2.80 mm
		Applications	Engine attachment
		Degree of protection	IPX4K, 6K, 9K
		Other features (SO)	Molded shield
Product information			
Product code	VNP-KOMP1-2/3P		
Designation	Compact connector 1.a		
Part number	1 928 404 707		
Quotation drawing (component)	A 928 000 452		

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		

Low-way plug-in connections

Compact 1.a (2..6-way)

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

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