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

#### **General information**



#### **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.

#### Features

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

#### 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 mm<sup>2</sup>
- 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 <u>www.bosch-connectors.com</u>.

### 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

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

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

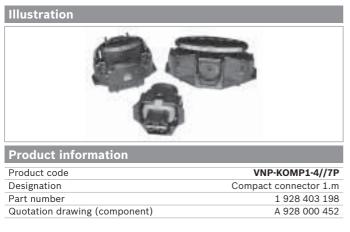
## Compact connector 1.m; 3-way



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

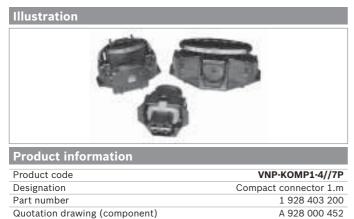
### Compact connector 1.m; 4-way



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

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

#### Compact connector 1.m; 5-way



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)	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

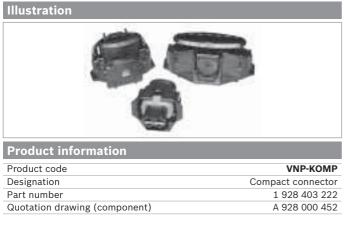
### Compact connector 1.m; 6-way



Product code	VNP-KOMP1-4//7P
Designation	Compact connector 1.m
Part number	1 928 403 204
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	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



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)	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

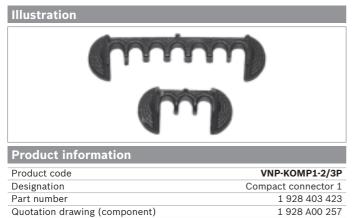
Compact 1.m (2..7-way)

### 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



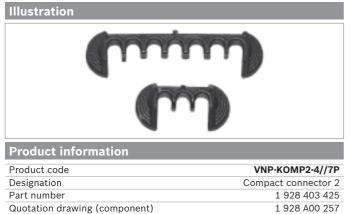
Technical data	
No. of poles	3
Color (FA)	Black
Secondary lock	None
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	With plastic lug
Vibration resistance	25 g
Dimensions (L x W x H)	11.50 x 7.10 x 22.40 mm
Temperature range, min./max	40 / 150 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

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

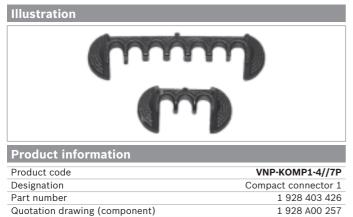
Compact 1.m (2..7-way)

### 5-way end clip



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



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

Illustration		
<b>Product inform</b>	ation	
Product code		VAFK
Designation	General connection s	ystems, 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

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

### 6-way end clip with grooved tubular connection



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

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



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	
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

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

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

### Compact connector 1.m; 3-way

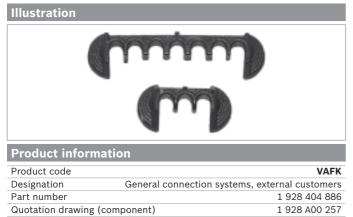


A 928 000 452

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

Quotation drawing (component)



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

Illustration		
Product inform	nation	
Product code		VAFK
Designation	General connection s	systems, external customers
Part number		1 928 404 887
Quotation drawing	1	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

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

## 4-way end clip

Illustration		
Product inform Product code Designation		VAFK ystems, external customers
Part number		1 928 404 888
Quotation drawing (	component)	1 928 A00 257

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 informa Product code		VAFK
Designation	General connection syst	ems, external customers
Part number		1 928 404 889
Quotation drawing (c	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

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

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