

High-way plug-in connections

55/83-way plug-in connection

General information

Illustration



Features

- ▶ Secondary locking possible
- ▶ Versions for outgoing cable on either left or right
- ▶ With microswitch spring

Technical description

The 55/83-way plug-in connection is used for the connection of ABS control units. Grip moldings with various outgoing cable directions are available. The plug-in connection is suitable for splashproof installation. To make the connection, the wiring harness connector is swivelled in and locked with a steel lever.

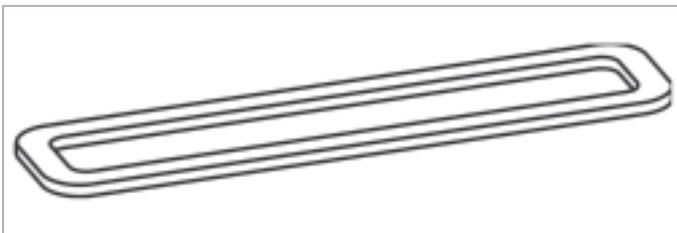
Technical features

- ▶ Vibration resistance: 2.8 g
- ▶ Temperature range: -40° C...+85° C
- ▶ Degree of sealing: IP 30
- ▶ Connection cross-sections:
 - 0.35...2.5 mm² (2.8 mm contact)
 - 0.35...0.75 mm² (1.6 mm contact)
- ▶ Suitable contacts:
 - 26x 2.8 mm flat spring contacts
 - 57x 1.6 mm flat spring contacts
- ▶ Contact spacing/posts:
 - 2.8 mm contact: 5 mm/2.8 mm
 - 1.6 mm contact: 3.25 mm/1.6 mm

All currently applicable quotation drawings and technical customer documentation for the 55/83-way plug-in connection product category can be found in the internet under www.bosch-connectors.com.

Seal

Illustration



Product information

Product code	VDI-DI
Designation	Seal
Part number	1 928 300 283
Quotation drawing (component)	C 928 002 09A

Technical data

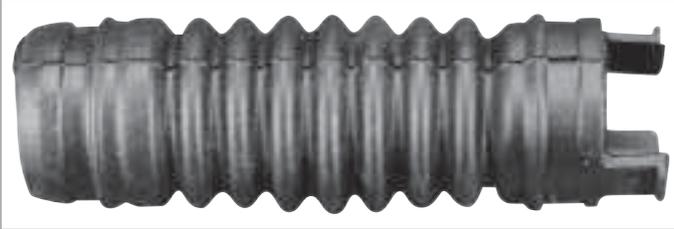
Other features (SO) For 83/88-way wiring-harness connector

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88-way sleeve

Illustration



Product information

Product code	VDI-TUE
Designation	Protective cap / sleeve
Part number	1 928 300 471
Quotation drawing (component)	C 928 001 20A

Technical data

No. of poles	88
Color (FA)	Black
Secondary lock	None
Dimensions (L x W x H)	100.30 x 31.50 x 31.50 mm
Other features (SO)	Sealed

83-way contact carrier

Illustration



Product information

Product code	VHP-83P
Designation	83-way wiring-harness connector
Part number	1 928 402 160
Quotation drawing (assembly)	A 928 000 030
Quotation drawing (component)	D 928 000 29A

Technical data

No. of poles	83
Color (FA)	Neutral
Secondary lock	None
Type of contact	JPT, MT 1
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Dimensions (L x W x H)	124.50 x 21.80 x 21.80 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	3.00 mm
Applications	Bodywork attachment
Degree of protection	IP 30

Pre-assembled 55/83-way grip molding

Illustration



Product information

Product code	VHP-83P
Designation	83-way wiring-harness connector
Part number	1 928 402 198
Quotation drawing (assembly)	A 928 000 029
Quotation drawing (component)	D 928 001 55A

Technical data

No. of poles	83
Color (FA)	Black
Encoding	21
Outgoing cable direction (KR)	Outgoing cable above encoding lug
Secondary lock	None
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Dimensions (L x W x H)	162.00 x 30.00 x 46.00 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IP 30

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55/83-way plug-in connection

Pre-assembled 55/83-way grip molding

Illustration



Product information

Product code	VHP-83P
Designation	83-way wiring-harness connector
Part number	1 928 402 199
Quotation drawing (assembly)	A 928 000 029
Quotation drawing (component)	D 928 001 55A

Technical data

No. of poles	83
Color (FA)	Black
Encoding	22
Outgoing cable direction (KR)	Outgoing cable above encoding lug
Secondary lock	None
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Dimensions (L x W x H)	162.00 x 30.00 x 46.00 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IP 30

83-way contact carrier

Illustration



Product information

Product code	VHP-83P
Designation	83-way wiring-harness connector
Part number	1 928 402 768
Quotation drawing (assembly)	A 928 000 574
Quotation drawing (component)	D 928 000 29A

Technical data

No. of poles	83
Secondary lock	None
Type of contact	JPT, MT 1
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Dimensions (L x W x H)	124.50 x 21.80 x 21.80 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	3.00 mm
Applications	Bodywork attachment
Degree of protection	IP30

88-way tubular connection

Illustration



Product information

Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 403 075
Quotation drawing (assembly)	A 928 000 027
Quotation drawing (component)	D 928 001 19A

Technical data

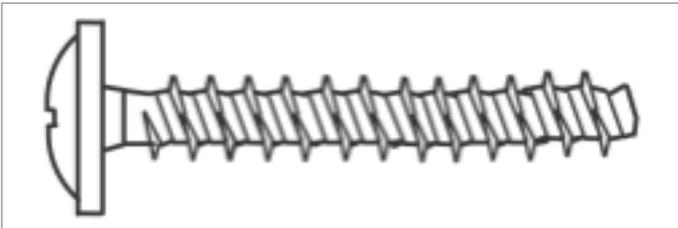
No. of poles	88
Color (FA)	Black
Secondary lock	None
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment

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Special bolt B 3x19

Illustration



Product information

Product code	VHP-55P
Designation	55-way wiring-harness connector
Part number	1 928 491 167
Quotation drawing (assembly)	A 928 000 144 and A 928 000 146
Quotation drawing (component)	C 261 200 475A

Technical data

Type of seal (plug)	By an optional rubber grommet at cable outlet
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Dimensions (L x W x H)	19.00 x 3.00 x mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Engine attachment
Degree of protection	IP30, IP54K