

High-way plug-in connections

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 83-way plug-in connection is used for the connection of ABS control units. There are various grip moldings to suit the required outgoing cable direction. To make the connection, the wiring-harness connector is swivelled in and locked with a steel lever.

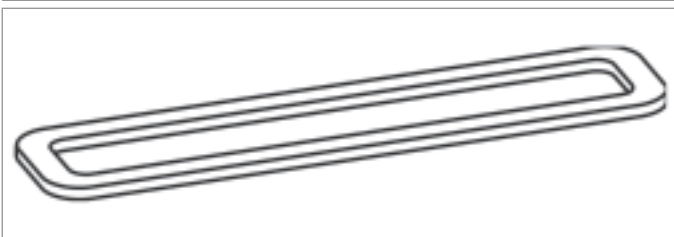
Technical features

- ▶ Vibration resistance: approx. 3 g
- ▶ Temperature range: -40° C...+85° C
- ▶ Degree of protection: 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 83-way plug-in connection product category can be found in the internet under www.bosch-connectors.com.

Seal

Illustration



Technical data

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

Product information

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

High-way plug-in connections

83-way plug-in connection

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 83-way grip molding

Illustration



Product information

Product code	VHP-83P
Designation	83-way wiring-harness connector
Part number	1 928 402 174
Quotation drawing (assembly)	A 928 000 574
Quotation drawing (component)	D 928 001 56A

Technical data

No. of poles	83
Color (FA)	Black
Encoding	21
Outgoing cable direction (KR)	Outgoing cable opposite 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

Pre-assembled 83-way grip molding

Illustration



Product information

Product code	VHP-83P
Designation	83-way wiring-harness connector
Part number	1 928 402 175
Quotation drawing (assembly)	A 928 000 574
Quotation drawing (component)	D 928 001 56A

Technical data

No. of poles	83
Color (FA)	Black
Encoding	22
Outgoing cable direction (KR)	Outgoing cable opposite 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

High-way plug-in connections

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	1 928 402 198
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

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

High-way plug-in connections

83-way plug-in connection

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

Pre-assembled 88-way grip molding

Illustration



Product information

Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 404 287
Quotation drawing (assembly)	A 928 000 574
Quotation drawing (component)	D 928 000 97A

Technical data

No. of poles	88
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Applications	Bodywork attachment