

High-way plug-in connections

88-way plug-in connection

General information

Illustration



Technical description

The 88-way plug-in connection is used for the connection of Motronic control units. There are various grip moldings to suit the required outgoing cable direction. On installation, the wiring-harness connector is swivelled in and locked with a steel lever.

Features

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

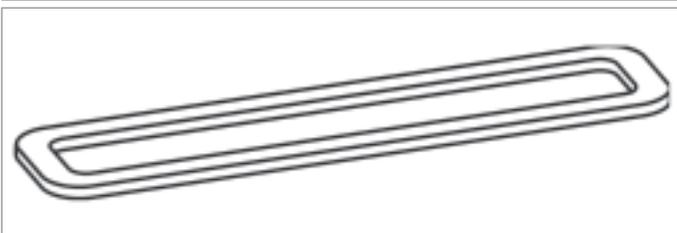
Technical features

- ▶ Vibration resistance: approx. 3 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,
 - 62x 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 88-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

88-way plug-in connection

Clamp-type cover

Illustration



Product information

Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 401 570
Quotation drawing (assembly)	D 261 203 070
Quotation drawing (component)	C 261 203 130

Technical data

No. of poles	88
Color (FA)	Black
Dimensions (L x W x H)	55.00 x 30.00 x 18.50 mm
Temperature range, min./max.	-40 / 85 °C
Applications	Bodywork attachment

Pre-assembled 88-way contact carrier

Illustration



Product information

Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 401 587
Quotation drawing (assembly)	A 928 000 405
Quotation drawing (component)	D 928 001 21A

Technical data

No. of poles	88
Color (FA)	Neutral
Encoding	All
Secondary lock	Locking plate
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

Pre-assembled 88-way grip molding

Illustration



Product information

Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 401 594
Quotation drawing (assembly)	D 261 203 070
Quotation drawing (component)	D 261 203 073

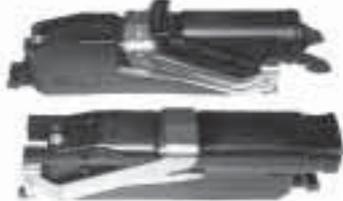
Technical data

No. of poles	88
Color (FA)	Black
Encoding	8
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
Other features (SO)	For short cover

High-way plug-in connections

88-way plug-in connection

Pre-assembled 88-way grip molding

Illustration	
	
Product information	
Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 401 786
Quotation drawing (assembly)	A 928 000 028
Quotation drawing (component)	D 928 001 56A

Technical data	
No. of poles	88
Color (FA)	Black
Encoding	12
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)	160.80 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

Pre-assembled 88-way grip molding

Illustration	
	
Product information	
Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 402 028
Quotation drawing (assembly)	A 928 000 027
Quotation drawing (component)	D 928 001 55A

Technical data	
No. of poles	88
Color (FA)	Black
Encoding	8
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

Pre-assembled 88-way grip molding

Illustration	
	
Product information	
Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 402 032
Quotation drawing (assembly)	A 928 000 027
Quotation drawing (component)	D 928 001 55A

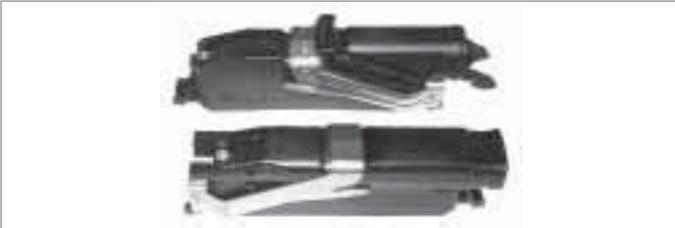
Technical data	
No. of poles	88
Color (FA)	Black
Encoding	12
Outgoing cable direction (KR)	Outgoing cable above encoding lug
Secondary lock	None
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Dimensions (L x W x H)	162.00 x 30.00 x 46.00 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment

High-way plug-in connections

88-way plug-in connection

Clamp-type cover

Illustration



Product information

Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 402 034
Quotation drawing (assembly)	A 928 000 027
Quotation drawing (component)	C 928 002 10A

Technical data

No. of poles	88
Color (FA)	Black
Secondary lock	None
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Dimensions (L x W x H)	74.00 x 30.00 x 11.00 mm
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	1 928 403 061
Quotation drawing (assembly)	A 928 000 200
Quotation drawing (component)	D 928 000 97A

Technical data

No. of poles	88
Color (FA)	Black
Encoding	8
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)	154.80 x 30.00 x 47.50 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Other features (SO)	Sealed

88-way grip molding

Illustration



Product information

Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 403 065
Quotation drawing (assembly)	A 928 000 200
Quotation drawing (component)	D 928 000 97A

Technical data

No. of poles	88
Encoding	12
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Dimensions (L x W x H)	145.70 x 33.40 x 46.50 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.80 mm
Applications	Bodywork attachment
Degree of protection	IP30

High-way plug-in connections

88-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

88-way contact carrier

Illustration



Product information

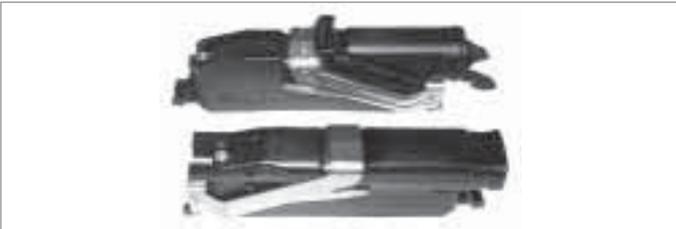
Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 403 122
Quotation drawing (assembly)	A 928 000 027
Quotation drawing (component)	D 928 001 21A

Technical data

No. of poles	88
Encoding	All
Secondary lock	Locking plate
Type of contact	JPT, MT 1
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	3.00 mm
Applications	Bodywork attachment
Degree of protection	IP X 30
Other features (SO)	JPT cavity, symmetrical

Pre-assembled 88-way grip molding

Illustration



Product information

Product code	VHP-88P
Designation	88-way wiring-harness connector
Part number	1 928 404 021
Quotation drawing (assembly)	A 928 000 028
Quotation drawing (component)	D 928 001 56A

Technical data

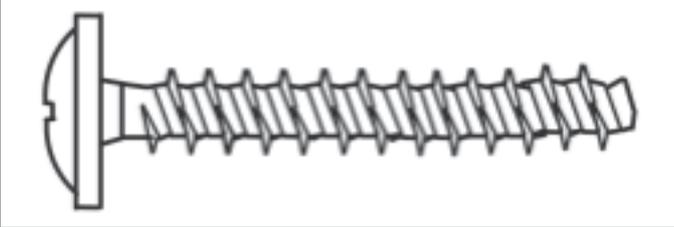
No. of poles	88
Color (FA)	Black
Encoding	8a
Outgoing cable direction (KR)	Outgoing cable opposite encoding lug
Secondary lock	None
Type of contact	JPT, MT 1
Type of locking (plug)	With steel lever
Vibration resistance	3 g
Dimensions (L x W x H)	162.00 x 30.00 x 46.00 mm
Temperature range, min./max.	-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

88-way plug-in connection

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