

## High-way plug-in connections

### 134-way plug-in connection

#### General information

##### Illustration



##### Features

- ▶ With secondary lock
- ▶ Modular design
- ▶ Modules with power contacts
- ▶ Modules with signal contacts

##### Technical description

The 134-way plug-in connection is used for the connection of Motronic control units in protected installation locations. The plug-in connection consists of five modules: 2x 9-way modules each with one contact carrier (for 2.8 mm power contacts) and 1x 24, 40 and 52-way modules each with two contact carriers (for 0.64 mm signal contacts). The contact carriers can be pre-assembled. The individual modules permit an inexpensive wiring-harness design. The modules can also be used separately. Outgoing cable options are available.

##### Technical features

- ▶ Vibration resistance: approx. 3.5 g
- ▶ Temperature range: -40° C...+85° C
- ▶ Degree of sealing: IP 30
- ▶ Connection cross-section:
  - 0.5...2.5 mm<sup>2</sup> (JPT)
  - 0.5...0.75 mm<sup>2</sup> (MQS)
- ▶ Suitable contacts:
  - JPT
  - MQS
- ▶ Contact spacing/posts:
  - JPT 5 mm/2.8 mm
  - MQS 2.54 mm/0.63 mm

All currently applicable quotation drawings and technical customer documentation for the 134-way plug-in connection product category can be found in the internet under [www.bosch-connectors.com](http://www.bosch-connectors.com).

### 12-way contact carrier

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 632
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 48A

##### Technical data

No. of poles	12
Color (FA)	Black
Encoding	L
Secondary lock	Sliding pin
Type of contact	MQS
Vibration resistance	4 g
Dimensions (L x W x H)	16.00 x 7.60 x 16.00 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.00 mm
Applications	Bodywork attachment
Degree of protection	IP 30
Other features (SO)	Module 2, left half

# High-way plug-in connections

## 134-way plug-in connection

### 12-way contact carrier

#### Illustration



#### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 633
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 48A

#### Technical data

No. of poles	12
Color (FA)	Gray
Encoding	R
Secondary lock	Sliding pin
Type of contact	MQS
Vibration resistance	4 g
Dimensions (L x W x H)	16.00 x 7.60 x 16.00 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 2, right half

### 20-way contact carrier

#### Illustration



#### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 634
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 52A

#### Technical data

No. of poles	20
Color (FA)	Black
Encoding	L
Secondary lock	Sliding pin
Type of contact	MQS
Vibration resistance	4 g
Dimensions (L x W x H)	16.00 x 7.60 x 26.10 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 4, left half

### 20-way contact carrier

#### Illustration



#### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 635
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 52A

#### Technical data

No. of poles	20
Color (FA)	Gray
Encoding	R
Secondary lock	Sliding pin
Type of contact	MQS
Vibration resistance	4 g
Dimensions (L x W x H)	16.00 x 7.60 x 26.10 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 4, right half

## High-way plug-in connections

### 134-way plug-in connection

#### 26-way contact carrier

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 636
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 50A

##### Technical data

No. of poles	26
Color (FA)	Black
Encoding	L
Secondary lock	Sliding pin
Type of contact	MQS
Vibration resistance	4 g
Dimensions (L x W x H)	16.00 x 7.60 x 33.70 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 3, left half

#### 26-way contact carrier

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 637
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 50A

##### Technical data

No. of poles	26
Color (FA)	Gray
Encoding	R
Secondary lock	Sliding pin
Type of contact	MQS
Vibration resistance	4 g
Dimensions (L x W x H)	16.00 x 7.60 x 33.70 mm
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	2.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 3, right half

#### Pre-assembled 24-way grip molding

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 643
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	D 928 002 40A

##### Technical data

No. of poles	24
Color (FA)	Black
Outgoing cable direction (KR)	Left
Secondary lock	Sliding pin
Type of contact	MQS
Vibration resistance	4 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	4.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 2

## High-way plug-in connections

### 134-way plug-in connection

#### Pre-assembled 40-way grip molding

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 644
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	D 928 002 41A

##### Technical data

No. of poles	40
Color (FA)	Black
Encoding	1
Outgoing cable direction (KR)	Left
Secondary lock	Sliding pin
Type of contact	MQS
Vibration resistance	4 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	4.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 4

#### Pre-assembled 52-way grip molding

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 645
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	D 928 002 42A

##### Technical data

No. of poles	52
Color (FA)	Black
Encoding	1
Outgoing cable direction (KR)	Left
Secondary lock	Sliding pin
Type of contact	MQS
Vibration resistance	4 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	4.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 3

#### Contact carrier, encoding A1

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 646
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 46A

##### Technical data

No. of poles	9
Color (FA)	Black
Encoding	A1
Secondary lock	Sliding pin
Type of contact	JPT
Vibration resistance	4 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	3.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 1

## High-way plug-in connections

### 134-way plug-in connection

#### Contact carrier, encoding A2

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 647
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 46A

##### Technical data

No. of poles	9
Color (FA)	Gray
Encoding	A2
Secondary lock	Sliding pin
Type of contact	JPT
Vibration resistance	4 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	3.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 5

#### Grip molding, encoding A1

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 648
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 44A

##### Technical data

No. of poles	9
Color (FA)	Black
Encoding	A1
Outgoing cable direction (KR)	Left
Secondary lock	Sliding pin
Type of contact	JPT
Vibration resistance	4 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	3.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 1

#### Grip molding, encoding A2

##### Illustration



##### Product information

Product code	<b>VHP-134P</b>
Designation	134-way wiring-harness connector
Part number	1 928 403 649
Quotation drawing (assembly)	D 928 002 39A
Quotation drawing (component)	C 928 002 44A

##### Technical data

No. of poles	9
Color (FA)	Black
Encoding	A2
Outgoing cable direction (KR)	Left
Secondary lock	Sliding pin
Type of contact	JPT
Vibration resistance	4 g
Temperature range, min./max.	-40 / 85 °C
Contact spacing	5 mm
Row spacing	3.00 mm
Applications	Bodywork attachment
Degree of protection	IP 50
Other features (SO)	Module 5