

# High-way plug-in connections

## 42-way plug-in connection

### General information

#### Illustration



#### Technical description

The 42-way wiring-harness connector is a sturdy plug-in connection for bodywork attachment in the engine compartment.

The plug-in system is immersion-proof and was developed for ABS systems. Use is made of a radial seal for the plug-in connection and individual wire seals for the wiring. The locking slide and the outgoing cable can both be on the right or left. The plug-in connection can only be made with the secondary lock fastened. Pull-in and locking are implemented by slide. A version with operating lever is optionally available to reduce the operating force, for example when fully assigned.

#### Features

- Sealed plug-in connection
- Secondary lock
- Suitable for use up to 130°C
- Softline design
- Three contact sizes
- Optional operating lever

#### Technical features

- Vibration resistance: 10 g
- Temperature range: -40° C...+130° C
- Degree of sealing: IP 54K, 67, 69K
- Connection cross-sections:
  - 0.5...4 mm<sup>2</sup> (SPT)
  - 0.2...2.5 mm<sup>2</sup> (JPT)
  - 0.35...1 mm<sup>2</sup> (MT2)
- Suitable contacts:
  - 2x SPT with individual wire seal
  - 4x JPT with individual wire seal
  - 36x MT2 with individual wire seal
- Blade: SPT 4.8 mm / JPT 2.8 mm / MT2 1.6 mm

All currently applicable quotation drawings and technical customer documentation for the 42-way plug-in connection product category can be found in the internet under [www.bosch-connectors.com](http://www.bosch-connectors.com).

### 42-way cover

#### Illustration



#### Technical data

No. of poles	42
Color (FA)	Black
Outgoing cable direction (KR)	Left/right
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Option	With operating lever for full assignment
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment
Degree of protection	IP 54K; 67K; 69K

#### Product information

Product code	VHP-42P
Designation	42-way wiring-harness connector
Part number	1 928 403 938
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	C 928 002 70A

## High-way plug-in connections

### 42-way plug-in connection

#### 42-way pre-assembled cover

Illustration		Technical data	
		No. of poles 42 Outgoing cable direction (KR) Left/right Type of seal (plug) Radial seal Type of seal (cable) Individual wire seal Type of locking (plug) By slide Option With operating lever for full assignment Vibration resistance 10 g Temperature range, min./max. -40 / 130 °C Applications Bodywork attachment Degree of protection IP 54K; 67K; 69K	
Product information			
Product code	VHP-42P		
Designation	42-way wiring-harness connector		
Part number	1 928 403 939		
Quotation drawing (assembly)	A 928 000 449		
Quotation drawing (component)	D 928 002 61A		

#### 42-way pre-assembled cover

Illustration		Technical data	
		No. of poles 42 Outgoing cable direction (KR) Left/right Type of seal (plug) Radial seal Type of seal (cable) Individual wire seal Type of locking (plug) By slide Option With operating lever for full assignment Vibration resistance 10 g Temperature range, min./max. -40 / 130 °C Applications Bodywork attachment Degree of protection IP 54K; 67K; 69K	
Product information			
Product code	VHP-42P		
Designation	42-way wiring-harness connector		
Part number	1 928 403 940		
Quotation drawing (assembly)	A 928 000 449		
Quotation drawing (component)	D 928 002 61A		

#### Pre-assembled 42-way contact carrier

Illustration		Technical data	
		No. of poles 42 Outgoing cable direction (KR) Left/right Type of seal (plug) Radial seal Type of seal (cable) Individual wire seal Type of locking (plug) By slide Option With operating lever for full assignment Vibration resistance 10 g Temperature range, min./max. -40 / 130 °C Applications Bodywork attachment Degree of protection IP 54K; 67K; 69K	
Product information			
Product code	VHP-42P		
Designation	42-way wiring-harness connector		
Part number	1 928 403 941		
Quotation drawing (assembly)	A 928 000 449		
Quotation drawing (component)	D 928 002 62A		

## High-way plug-in connections

### 42-way plug-in connection

#### Pre-assembled 42-way contact carrier

##### Illustration



##### Product information

Product code	<b>VHP-42P</b>
Designation	42-way wiring-harness connector
Part number	1 928 403 942
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	D 928 002 62A

##### Technical data

No. of poles	42
Outgoing cable direction (KR)	Left/right
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Option	With operating lever for full assignment
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment
Degree of protection	IP 54K; 67K; 69K

#### Pre-assembled 42-way contact carrier

##### Illustration



##### Product information

Product code	<b>VHP-42P</b>
Designation	42-way wiring-harness connector
Part number	1 928 403 943
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	D 928 002 62A

##### Technical data

No. of poles	42
Outgoing cable direction (KR)	Left/right
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Option	With operating lever for full assignment
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment
Degree of protection	IP 54K; 67K; 69K

#### 42-way wiring-harness connector

##### Illustration



##### Product information

Product code	<b>VHP-42P</b>
Designation	42-way wiring-harness connector
Part number	1 928 404 077
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	D 928 002 62A

##### Technical data

No. of poles	42
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment

## High-way plug-in connections

### 42-way plug-in connection

#### 42-way wiring-harness connector

##### Illustration



##### Technical data

No. of poles	42
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment

##### Product information

Product code	<b>VHP-42P</b>
Designation	42-way wiring-harness connector
Part number	1 928 404 078
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	D 928 002 62A

#### 42-way wiring-harness connector

##### Illustration



##### Technical data

No. of poles	42
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment

##### Product information

Product code	<b>VHP-42P</b>
Designation	42-way wiring-harness connector
Part number	1 928 404 079
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	D 928 002 62A

#### 42-way wiring-harness connector

##### Illustration



##### Technical data

No. of poles	42
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment

##### Product information

Product code	<b>VHP-42P</b>
Designation	42-way wiring-harness connector
Part number	1 928 404 080
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	D 928 002 62A

## High-way plug-in connections

### 42-way plug-in connection

#### 42-way wiring-harness connector

##### Illustration



##### Technical data

No. of poles	42
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment

##### Product information

Product code	<b>VHP-42P</b>
Designation	42-way wiring-harness connector
Part number	1 928 404 081
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	D 928 002 62A

#### 42-way wiring-harness connector

##### Illustration



##### Technical data

No. of poles	42
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment

##### Product information

Product code	<b>VHP-42P</b>
Designation	42-way wiring-harness connector
Part number	1 928 404 082
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	D 928 002 62A

#### 42-way wiring-harness connector

##### Illustration



##### Technical data

No. of poles	42
Type of seal (plug)	Radial seal
Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	10 g
Temperature range, min./max.	-40 / 130 °C
Applications	Bodywork attachment

##### Product information

Product code	<b>VHP-42P</b>
Designation	42-way wiring-harness connector
Part number	1 928 404 083
Quotation drawing (assembly)	A 928 000 449
Quotation drawing (component)	D 928 002 62A