

High-way plug-in connections

42-way plug-in connection

General information

Illustration



Features

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

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.

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 mm² (SPT)
 - 0.2...2.5 mm² (JPT)
 - 0.35...1 mm² (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.

42-way cover

Illustration



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

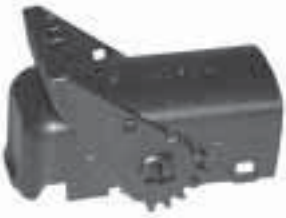
Technical data

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

High-way plug-in connections


42-way plug-in connection

42-way pre-assembled cover

Illustration	
	
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


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 pre-assembled cover

Illustration	
	
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

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	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

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


High-way plug-in connections

42-way plug-in connection


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	1 928 403 942		
Quotation drawing (assembly)	A 928 000 449		
Quotation drawing (component)	D 928 002 62A		

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	1 928 403 943		
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	VHP-42P		
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		


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	VHP-42P		
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	VHP-42P		
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	VHP-42P		
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



Product information

Product code	VHP-42P
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

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

42-way wiring-harness connector

Illustration



Product information

Product code	VHP-42P
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

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

42-way wiring-harness connector

Illustration



Product information

Product code	VHP-42P
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

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