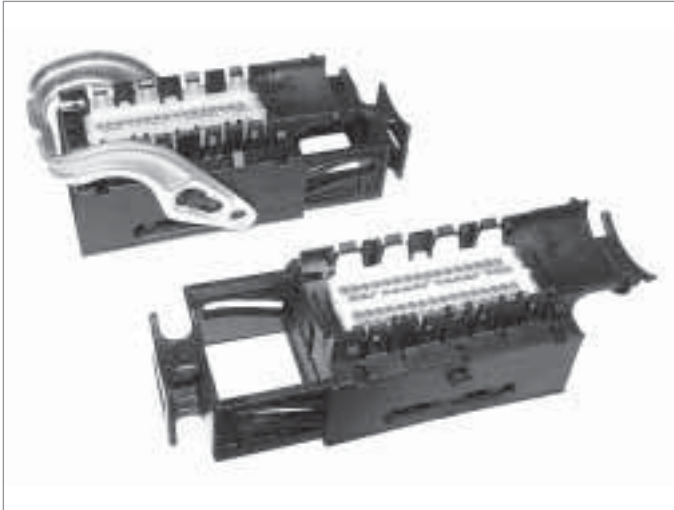


High-way plug-in connections

64-way plug-in connection

General information

Illustration



Features

- ▶ Sealed plug-in connection
- ▶ For confined spaces
- ▶ Suitable for use up to 130°C
- ▶ Secondary locking possible
- ▶ Silicone gel seal

Technical description

The 64-way wiring harness connector is an extremely compact high-way plug-in connection for hybrid control units.

The plug-in system is suitable for control units attached directly to the engine.

A silicone gel seal is used for the cable. This means there is no need for additional sealing (e.g. dummy plugs) if not all contacts are used (refer to product information on silicone gel seal). A slide operated by a steel lever is used for pull-in and locking.

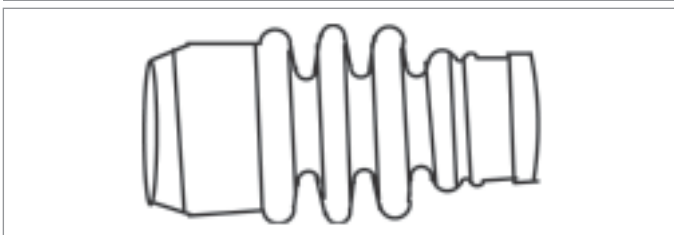
Technical features

- ▶ Vibration resistance: 30 g
- ▶ Temperature range: -40...+130° C
- ▶ Degree of protection: IP 54K, IP 69K
- ▶ Connection cross-sections: 0.5...0.75 mm²
- ▶ Contacts:
 - BMK 0.6, contact pull-out force 30 N,
 - BMK 0.6 contact pull-out force 50 N
- ▶ Contact spacing/posts: 2.5 mm/0.6 mm

All currently applicable quotation drawings and technical customer documentation for the 64-way plug-in connection product category can be found in the internet under www.bosch-connectors.com.

37/38/64-way sleeve

Illustration



Technical data

Color (FA)	Black
Comments	Grooved tube OD 19 - 24 mm

Product information

Product code	VDI-TUE
Designation	Protective cap / sleeve
Part number	1 928 300 520
Quotation drawing (assembly)	A 928 000 218
Quotation drawing (component)	C 928 001 74A

High-way plug-in connections

64-way plug-in connection

Pre-assembled 64-way grip molding

Illustration



Product information

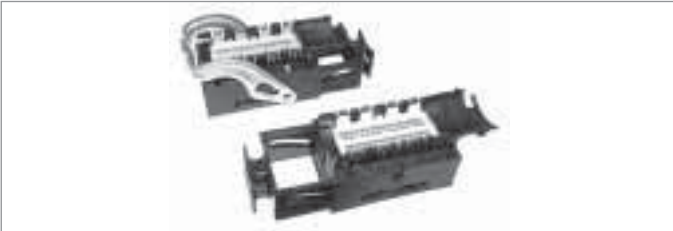
Product code	VHP-64P
Designation	64-way wiring-harness connector
Part number	1 928 403 379
Quotation drawing (assembly)	A 928 000 306
Quotation drawing (component)	D 928 001 25A

Technical data

No. of poles	64
Color (FA)	Black
Encoding	1
Outgoing cable direction (KR)	Left
Secondary lock	None
Type of contact	BMK 0.6
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	With slide and steel lever
Vibration resistance	30 g
Dimensions (L x W x H)	86.85 x 40.30 x 44.30 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	4.00 mm
Applications	Engine attachment
Degree of protection	IP 54K;69K

Pre-assembled 64-way grip molding

Illustration



Product information

Product code	VHP-64P
Designation	64-way wiring-harness connector
Part number	1 928 403 386
Quotation drawing (assembly)	A 928 000 306
Quotation drawing (component)	D 928 001 25A

Technical data

No. of poles	64
Color (FA)	Black
Encoding	8
Outgoing cable direction (KR)	Left
Secondary lock	None
Type of contact	BMK 0.6
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	With slide and steel lever
Vibration resistance	30 g
Dimensions (L x W x H)	86.85 x 40.30 x 44.30 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	4.00 mm
Applications	Engine attachment
Degree of protection	IP 54K;69K

64-way cover

Illustration



Product information

Product code	VHP-64P
Designation	64-way wiring-harness connector
Part number	1 928 403 393
Quotation drawing (assembly)	A 928 000 306
Quotation drawing (component)	C 928 002 29A

Technical data

No. of poles	64
Color (FA)	Black
Outgoing cable direction (KR)	Left/right
Secondary lock	None
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	With slide and steel lever
Vibration resistance	30 g
Dimensions (L x W x H)	70.50 x 27.30 x 22.10 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	0.60 mm
Applications	Engine attachment
Degree of protection	IP54K, IP69K

High-way plug-in connections

64-way plug-in connection

64-way sliding pin

Illustration



Product information

Product code	VHP-64P
Designation	64-way wiring-harness connector
Part number	1 928 403 394
Quotation drawing (assembly)	A 928 000 306
Quotation drawing (component)	C 928 002 30A

Technical data

Color (FA)	Lilac
Secondary lock	Sliding pin
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	With slide and steel lever
Vibration resistance	30 g
Dimensions (L x W x H)	47.15 x 15.20 x 3.40 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	0.60 mm
Applications	Engine attachment
Degree of protection	IP54K, IP69K

Pre-assembled 64-way grip molding

Illustration



Product information

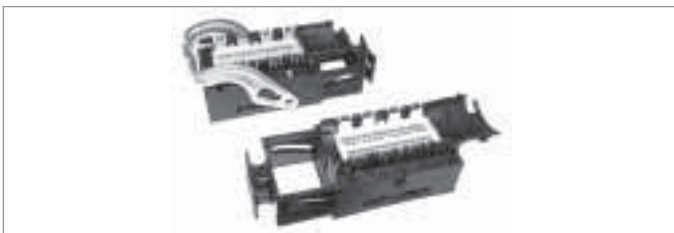
Product code	VHP-64P
Designation	64-way wiring-harness connector
Part number	1 928 403 513
Quotation drawing (assembly)	A 928 000 306
Quotation drawing (component)	D 928 001 25A

Technical data

No. of poles	64
Color (FA)	Black
Encoding	1
Outgoing cable direction (KR)	Right
Secondary lock	None
Type of contact	BMK 0.6
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	By slide
Vibration resistance	30 g
Dimensions (L x W x H)	86.85 x 40.30 x 44.30 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	4.00 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

Pre-assembled 64-way grip molding

Illustration



Product information

Product code	VHP-64P
Designation	64-way wiring-harness connector
Part number	1 928 403 514
Quotation drawing (assembly)	A 928 000 306
Quotation drawing (component)	D 928 001 25A

Technical data

No. of poles	64
Color (FA)	Black
Encoding	8
Outgoing cable direction (KR)	Right
Secondary lock	None
Type of contact	BMK 0.6
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	By slide
Vibration resistance	30 g
Dimensions (L x W x H)	86.85 x 40.30 x 44.30 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	4.00 mm
Applications	Engine attachment
Degree of protection	IPX4K, IPX9K

High-way plug-in connections

64-way plug-in connection

64-way transportation safeguard

Illustration



Product information

Product code	VHP-64P
Designation	64-way wiring-harness connector
Part number	1 928 404 068
Quotation drawing (assembly)	A 928 000 306
Quotation drawing (component)	C 928 002 87A

Technical data

No. of poles	64
Color (FA)	Black
Encoding	All
Outgoing cable direction (KR)	All
Secondary lock	None
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	By slide
Vibration resistance	30 g
Dimensions (L x W x H)	54.18 x 45.50 x 21.10 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	0.60 mm
Applications	Bodywork attachment
Degree of protection	IP4XK
Other features (SO)	Special accessory

64-way cover

Illustration



Product information

Product code	VHP-64P
Designation	64-way wiring-harness connector
Part number	1 928 404 362
Quotation drawing (assembly)	A 928 000 306
Quotation drawing (component)	C 928 003 12A

Technical data

No. of poles	64
Color (FA)	Black
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	By slide
Vibration resistance	30 g
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Applications	Bodywork attachment
Degree of protection	IP 54K, 69K

64-way cover

Illustration



Product information

Product code	VHP-64P
Designation	64-way wiring-harness connector
Part number	1 928 404 778
Quotation drawing (assembly)	A 928 000 306
Quotation drawing (component)	1 928 A00 021

Technical data

Type of seal (cable)	Individual wire seal
Type of locking (plug)	By slide
Vibration resistance	30 g
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Applications	Bodywork attachment
Degree of protection	IP54K, IP69K