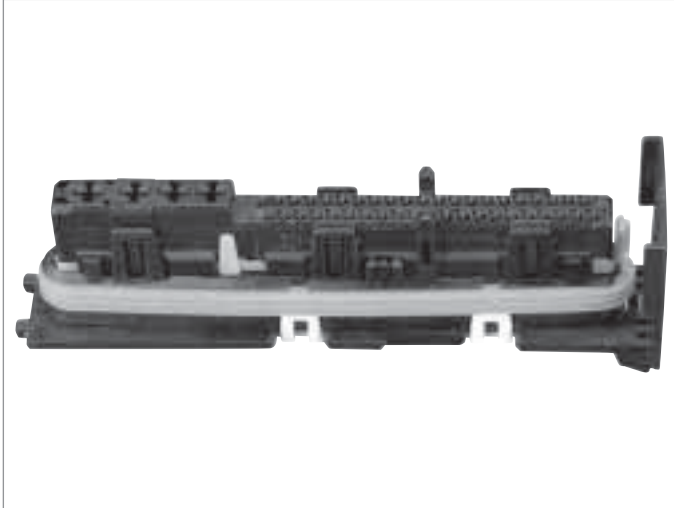


High-way plug-in connections

46-way plug-in connection (GD)

General information

Illustration



Features

- ▶ Sealed plug-in connection
- ▶ Low insertion force
- ▶ Integrated secondary lock
- ▶ Silicone gel seal (GD) and individual wire seal
- ▶ High-current contacts
- ▶ Signal-current contacts

Technical description

The 46-way wiring-harness connector is a compact high-way plug-in connection for ASR/ESP control units. A silicone gel seal (BMK 0.6) or individual wire seals (MCP 2.8) are used for the cable. Thanks to the gel seal, no additional sealing (e.g. dummy plugs) is required for non-used signal pins (BMK 0.6) (refer to product information on silicone gel seal). A lever/claw system is used for pull-in and locking.

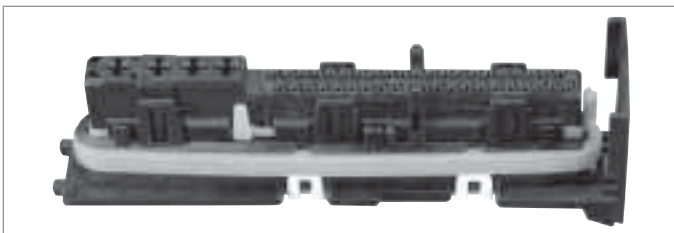
Technical features

- ▶ Vibration resistance: 3 g
- ▶ Temperature range: -40° C...+120° C
- ▶ Degree of protection: IP X4K, X6K, X9K
- ▶ Connection cross-sections:
 - 1.5...4.0 mm² (MCP 2.8)
 - 0.5...0.75 mm² (BMK 0.6)
- ▶ Suitable contacts:
 - 4x MCP 2.8 with individual wire seal
 - 42x BMK 0.6
- ▶ Contact spacing/posts BMK 0.6: 2.5 mm x 3.5 mm/0.63 mm

All currently applicable quotation drawings and technical customer documentation for the 46-way plug-in connection (GD) product category can be found in the internet under www.bosch-connectors.com.

Pre-assembled 46-way contact carrier

Illustration



Product information

Product code	VHP-46P
Designation	46-way wiring-harness connector
Part number	1 928 404 563
Quotation drawing (assembly)	A 928 000 632
Quotation drawing (component)	D 928 003 15A

Technical data

No. of poles	46
Outgoing cable direction (KR)	Left
Type of seal (cable)	Silicone gel seal/individual wire seal
Type of locking (plug)	Using a lever/claw system
Vibration resistance	3 g
Temperature range, min./max.	-40 / 120 °C
Contact spacing	2.5 mm
Applications	Bodywork attachment
Degree of protection	IP X 4,6,9 K

High-way plug-in connections

46-way plug-in connection (GD)

Pre-assembled 46-way contact carrier with protective cap

Illustration



Product information

Product code	VHP-46P
Designation	46-way wiring-harness connector
Part number	1 928 404 564
Quotation drawing (assembly)	A 928 000 632
Quotation drawing (component)	D 928 003 15A

Technical data

No. of poles	46
Outgoing cable direction (KR)	Left
Type of seal (plug)	Radial seal
Type of seal (cable)	BMK 0.6: Silicone gel seal; MCP 2.8: Individual wire seal
Type of locking (plug)	Using a lever/claw system
Vibration resistance	3 g
Temperature range, min./max.	-40 / 120 °C
Contact spacing	2.5 mm
Applications	Bodywork attachment
Degree of protection	IP X 4,6,9 K

Pre-assembled 46-way grip molding

Illustration



Product information

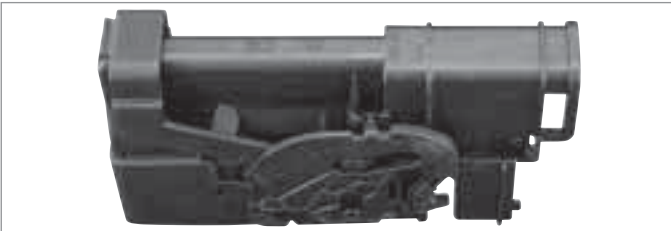
Product code	VHP-46P
Designation	46-way wiring-harness connector
Part number	1 928 404 566
Quotation drawing (assembly)	A 928 000 632
Quotation drawing (component)	D 928 003 16A

Technical data

No. of poles	46
Outgoing cable direction (KR)	Left
Type of seal (plug)	Radial seal
Type of seal (cable)	BMK 0.6: Silicone gel seal; MCP 2.8: Individual wire seal
Type of locking (plug)	Using a lever/claw system
Vibration resistance	3 g
Temperature range, min./max.	-40 / 120 °C
Contact spacing	2.5 mm
Applications	Bodywork attachment
Degree of protection	IP X 4,6,9 K

Pre-assembled 46-way grip molding

Illustration



Product information

Product code	VHP-46P
Designation	46-way wiring-harness connector
Part number	1 928 404 621
Quotation drawing (assembly)	A 928 000 632
Quotation drawing (component)	D 928 003 16A

Technical data

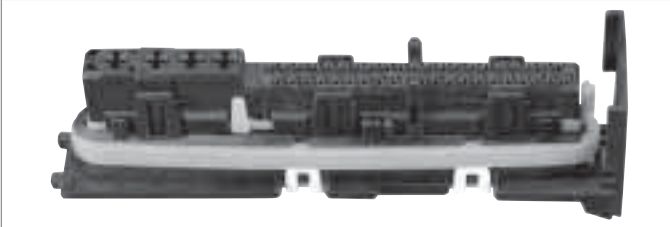
No. of poles	46
Outgoing cable direction (KR)	Right
Type of seal (plug)	Radial seal
Type of seal (cable)	BMK 0.6: Silicone gel seal; MCP 2.8: Individual wire seals
Type of locking (plug)	Using a lever/claw system
Vibration resistance	3 g
Temperature range, min./max.	-40 / 120 °C
Contact spacing	2.5 mm
Applications	Bodywork attachment
Degree of protection	IP X 4,6,9 K

High-way plug-in connections

46-way plug-in connection (GD)

Pre-assembled 46-way contact carrier

Illustration



Product information

Product code	VHP-46P
Designation	46-way wiring-harness connector
Part number	1 928 404 623
Quotation drawing (assembly)	A 928 000 632
Quotation drawing (component)	D 928 003 15A

Technical data

No. of poles	46
Outgoing cable direction (KR)	Right
Type of seal (plug)	Radial seal
Type of seal (cable)	BMK 0.6: Silicone gel seal; MCP 2.8: individual wire seal
Type of locking (plug)	Using a lever/claw system
Vibration resistance	3 g
Temperature range, min./max.	-40 / 120 °C
Contact spacing	2.5 mm
Applications	Bodywork attachment
Degree of protection	IP X 4,6,9 K

Pre-assembled 46-way contact carrier with protective cap

Illustration



Product information

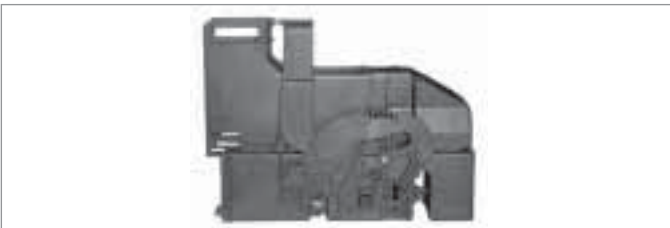
Product code	VHP-46P
Designation	46-way wiring-harness connector
Part number	1 928 404 624
Quotation drawing (assembly)	A 928 000 632
Quotation drawing (component)	D 928 003 15A

Technical data

No. of poles	46
Outgoing cable direction (KR)	Right
Type of seal (plug)	Radial seal
Type of seal (cable)	BMK 0.6: Silicone gel seal; MCP 2.8: individual wire seal
Type of locking (plug)	Using a lever/claw system
Vibration resistance	3 g
Temperature range, min./max.	-40 / 120 °C
Contact spacing	2.5 mm
Row spacing	0.63 mm
Applications	Bodywork attachment
Degree of protection	IP X 4,6,9 K

46-way grip molding

Illustration



Product information

Product code	VHP-46P
Designation	46-way wiring-harness connector
Part number	1 928 404 880
Quotation drawing (assembly)	A 928 000 632
Quotation drawing (component)	D 928 003 16A

Technical data

No. of poles	46
Encoding	1
Outgoing cable direction (KR)	Top
Type of seal (plug)	Radial seal
Type of seal (cable)	BMK 0.6: Silicone gel seal; MCP 2.8: Individual wire seal
Type of locking (plug)	Using a lever/claw system
Vibration resistance	3 g
Dimensions (L x W x H)	114.50 x 29.00 x 65.10 mm
Temperature range, min./max.	-40 / 120 °C
Contact spacing	2.5 mm
Applications	Bodywork attachment
Degree of protection	IP X 4,6,9 K