

High-way plug-in connections

38-way plug-in connection

General information

Illustration



Technical description

The 38-way wiring-harness connector is a compact high-way plug-in connection particularly suitable for complex hybrid control units which have to satisfy engine attachment conditions. Use is made of a silica gel seal 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 silica gel seal). Pull-in and locking are implemented by way of a metal lever.

Features

- ▶ Sealed plug-in connection
- ▶ For confined spaces
- ▶ Suitable for use up to 130°C
- ▶ Silicone gel seal
- ▶ For high vibration resistance

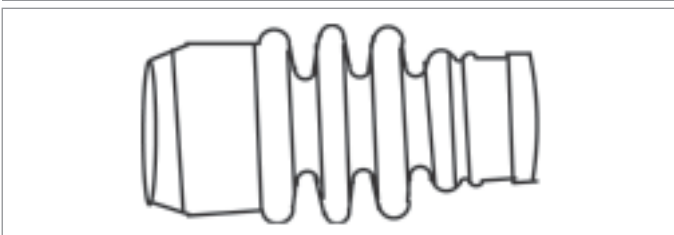
Technical features

- ▶ Vibration resistance: 20 g
- ▶ Temperature range: -40...+130° C
- ▶ Degree of protection: IP 54K, IP 69K
- ▶ Connection cross-sections: 0.5...0.75 mm²
- ▶ Suitable contacts: BMK 0.6
- ▶ Contact spacing/posts: 2.5 mm/0.64 mm

All currently applicable quotation drawings and technical customer documentation for the 38-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

38-way plug-in connection

Strap

Illustration



Product information

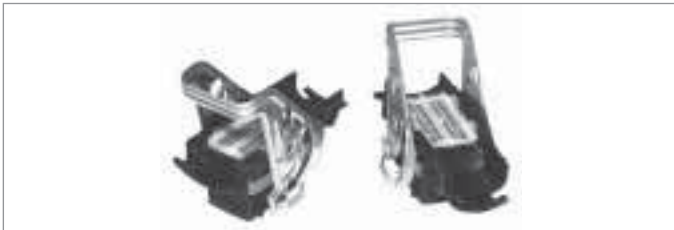
Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 401 713
Quotation drawing (component)	C 265 152 006

Technical data

Color (FA)	Black
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Pre-assembled 38-way grip molding

Illustration



Product information

Product code	VHP-38P
Designation	38-way wiring-harness connector
Part number	1 928 403 304
Quotation drawing (assembly)	A 928 000 218
Quotation drawing (component)	D 928 001 02A

Technical data

No. of poles	38
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)	By metal lever
Vibration resistance	20 g
Dimensions (L x W x H)	64.90 x 31.90 x 39.20 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	4.00 mm
Applications	Engine attachment
Degree of protection	IP54K, IP69K

38-way cover

Illustration



Product information

Product code	VHP-38P
Designation	38-way wiring-harness connector
Part number	1 928 403 316
Quotation drawing (assembly)	A 928 000 218
Quotation drawing (component)	C 928 001 15A

Technical data

No. of poles	38
Color (FA)	Black
Outgoing cable direction (KR)	Left/right
Secondary lock	None
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	By metal lever
Vibration resistance	20 g
Dimensions (L x W x H)	53.60 x 24.50 x 17.55 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	0.64 mm
Applications	Engine attachment
Degree of protection	IP54K, IP69K

High-way plug-in connections

38-way plug-in connection

Sliding pin

Illustration



Product information

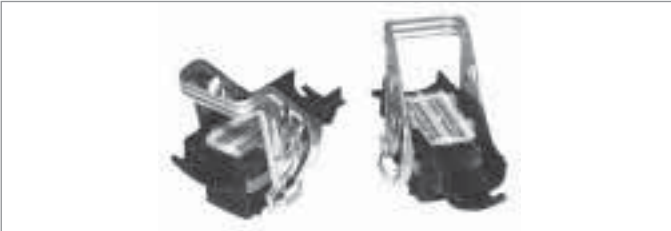
Product code	VHP-38P
Designation	38-way wiring-harness connector
Part number	1 928 403 319
Quotation drawing (assembly)	A 928 000 458
Quotation drawing (component)	C 928 001 75A

Technical data

No. of poles	38
Color (FA)	Lilac
Secondary lock	None
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	By metal lever
Vibration resistance	20 g
Dimensions (L x W x H)	30.85 x 16.20 x 3.00 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	0.64 mm
Applications	Engine attachment
Degree of protection	IP54K, IP69K

Pre-assembled 38-way grip molding

Illustration



Product information

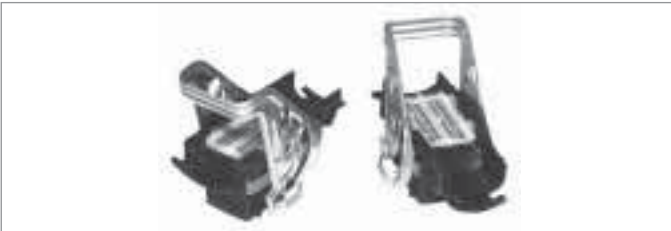
Product code	VHP-38P
Designation	38-way wiring-harness connector
Part number	1 928 403 820
Quotation drawing (assembly)	A 928 000 218
Quotation drawing (component)	D 928 001 02A

Technical data

No. of poles	38
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 metal lever
Vibration resistance	20 g
Dimensions (L x W x H)	64.90 x 31.90 x 39.20 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	4.00 mm
Applications	Bodywork attachment
Degree of protection	IPX4K, IPX9K

Pre-assembled 38-way grip molding

Illustration



Product information

Product code	VHP-38P
Designation	38-way wiring-harness connector
Part number	1 928 403 822
Quotation drawing (assembly)	A 928 000 218
Quotation drawing (component)	D 928 001 02A

Technical data

No. of poles	38
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 metal lever
Vibration resistance	20 g
Dimensions (L x W x H)	64.90 x 31.90 x 39.20 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	4.00 mm
Applications	Bodywork attachment
Degree of protection	IP 54K;69K

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Transportation safeguard

Illustration



Product information

Product code	VHP-38P-C
Designation	38-way wiring-harness connector
Part number	1 928 403 974
Quotation drawing (assembly)	A 928 000 458
Quotation drawing (component)	C 928 002 71A

Technical data

No. of poles	38
Secondary lock	None
Type of seal (cable)	Silicone gel seal
Type of locking (plug)	By metal lever
Vibration resistance	20 g
Dimensions (L x W x H)	37.30 x 25.30 x 18.90 mm
Temperature range, min./max.	-40 / 130 °C
Contact spacing	2.5 mm
Row spacing	0.64 mm
Applications	Engine attachment
Degree of protection	IP54K, IP69K