

Contacts

Bosch sensor contact 2.8

General information

Illustration



Technical description

The Bosch sensor contact 2.8 (BSK 2.8) is a flat contact for 2.8 x 0.8 mm blade contacts. A special spring mechanism protects the contact point against fretting.

The BSK 2.8 was developed for plug-in connections subjected to high levels of vibration (direct engine attachment). The tinned version of the contact is suitable for temperatures up to max. 130°C or up to 150°C if gold-plated. The primary-locking function is provided by the locking-spring arrangement. Secondary locking is possible from four sides between the contact element and the crimping area and from two sides in the area in front of the locking springs.

Features

- ▶ For high vibration resistance
- ▶ Suitable for use up to 150°C (Au surface)
- ▶ Secondary locking possible
- ▶ 4 contact points

Technical features

- ▶ Wire cross-sections: 0.5...2.5 mm²
- ▶ Contact spacing: 5 mm
- ▶ Row spacing: 5 mm (5.5 mm)
- ▶ Temperature range:
 - 40° C...+130° C (tinned version)
 - 40° C...+150° C (gold-plated version)
- ▶ Wiring seal: Individual wire seal
- ▶ Rated voltage: 20 mV...40 V (DC)
- ▶ Current-carrying capacity: Max. 14 A (at 90° C and with Au surface)
- ▶ Packaging unit: 4,500x disposable coils

All currently applicable quotation drawings and technical customer documentation for the Bosch sensor contact 2.8 product category can be found in the internet under www.bosch-connectors.com.

BSK 2.8

Illustration



Technical data

Type of contact	Flat contact
Contact spacing	5 mm
Secondary lock	Locking plate
Type of locking (contacts)	By locking-spring arrangement
Row spacing	5 mm
Contact surface	Tinned
Wire cross-section	0.5 - 1.0 mm ²
Wiring seal	Individual wire seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 14 A

Product information

Product code	KONT-BDK/BSK-SN/AG
Designation	Contact
Part number	1 928 498 060
Quotation drawing	C 928 002 37A

Contacts

Bosch sensor contact 2.8

BSK 2.8

Illustration



Product information

Product code	KONT-BDK/BSK-SN/AG
Designation	Contact
Part number	1 928 498 061
Quotation drawing	C 928 002 37A

Technical data

Type of contact	Flat contact
Contact spacing	5 mm
Secondary lock	Locking plate
Type of locking (contacts)	By locking-spring arrangement
Row spacing	5 mm
Contact surface	Tinned
Wire cross-section	1.5 - 2.5 mm ²
Wiring seal	Individual wire seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 14 A

BSK 2.8

Illustration



Product information

Product code	KONT-BDK/BSK-AU
Designation	Contact
Part number	1 928 498 062
Quotation drawing	C 928 002 37A

Technical data

Type of contact	Flat contact
Contact spacing	5 mm
Type of locking (contacts)	By locking-spring arrangement
Row spacing	5 mm
Contact surface	Gold-plated
Wire cross-section	0.5 - 1.0 mm ²
Wiring seal	Individual wire seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 14 A

BSK 2.8

Illustration



Product information

Product code	KONT-BDK/BSK-AU
Designation	Contact
Part number	1 928 498 063
Quotation drawing	C 928 002 37A

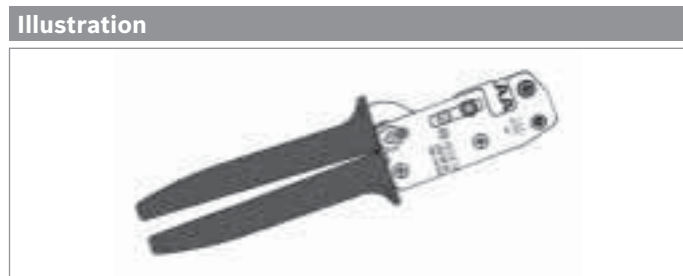
Technical data

Type of contact	Flat contact
Contact spacing	5 mm
Secondary lock	Locking plate
Type of locking (contacts)	By locking-spring arrangement
Row spacing	5 mm
Contact surface	Gold-plated
Wire cross-section	1.5 - 2.5 mm ²
Wiring seal	Individual wire seal
Rated voltage, from/to	20 mV (DC)/ 40 V (DC)
Current-carrying capacity	Max. 14 A

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Hand crimping tool for BDK/BSK 2.8



Technical data	
Wire cross-section	0.5; 0.75; 1 mm ²

Product information	
Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 498 161
Quotation drawing	0 928 A00 038

Hand crimping tool for BDK/BSK 2.8



Technical data	
Type of contact	Flat contact
Wire cross-section	1.5 - 2.5 mm ²

Product information	
Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 498 162
Quotation drawing	0 928 A00 038

Disassembly/extraction tool for BDK/BSK 2.8 mm



Technical data	
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Product information	
Product code	VAFK
Designation	General connection systems, external customers
Part number	1 928 498 167
Quotation drawing	A 928 000 635