

# SEK-18 SV FE TYPA ZGL 14P PL2



Part number	09 18 514 6813
Specification	SEK-18 SV FE TYPA ZGL 14P PL2
HARTING eCatalogue	https://harting.com/09185146813

Image is for illustration purposes only. Please refer to product description.

#### Identification

Category	Connectors
Series	SEK
Element	Female connector

## Version

Termination method	IDC insulation displacement termination
Connection type	PCB to cable
Number of contacts	14
Strain relief	With strain relief clamp
Details	for IDC flat cable 1.27 mm (0.050") pitch AWG 28/7 - AWG 26/7

# **Technical characteristics**

Contact rows	2
Contact spacing (termination side)	2.54 mm
Contact spacing (mating side)	1.27 mm
Rated current	2.5 A
Insulation resistance	>10 <sup>9</sup> Ω
Contact resistance	≤20 mΩ
Limiting temperature	-55 +125 °C
Insertion force	≤28 N
Withdrawal force	≤28 N
Performance level	2 acc. to IEC 60603-13

Page 1 / 3 | Creation date 2025-05-31 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

Product data sheet 09 18 514 6813 SEK-18 SV FE TYPA ZGL 14P PL2



#### **Technical characteristics**

Mating cycles	≥250
Test voltage U <sub>r.m.s.</sub>	1 kV
Isolation group	Illa (175 ≤ CTI < 400)

#### Material properties

Material (insert)	Thermoplastic resin (PBT)
Colour (insert)	Grey
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni Mating side Sn over Ni Termination side
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	Not contained
REACH ANNEX XIV substances	Not contained
REACH SVHC substances	Not contained
California Proposition 65 substances	Yes
California Proposition 65 substances	Nickel
Fire protection on railway vehicles	EN 45545-2 (2020-08)
Requirement set with Hazard Levels	R26

### Specifications and approvals

Specifications	IEC 60603-13
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079
Railway classification	F3/I3
Commercial data	
Packaging size	100
Net weight	3.09 g
Country of origin	Romania
European customs tariff number	85366990
GTIN	5713140027992
eCl@ss	27460202 PCB connector (conductor connection)

Page 2 / 3 | Creation date 2025-05-31 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany

Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com

Product data sheet 09 18 514 6813 SEK-18 SV FE TYPA ZGL 14P PL2



#### Commercial data

 ETIM
 EC002637

 UNSPSC 24.0
 39121415

Page 3 / 3 | Creation date 2025-05-31 | Please note that the data specified here were taken as extracts from the online catalogue. Please refer to the user documentation for the complete and up-to-date information and data. Please also note that the user is responsible for validating functionality, conformity with applicable laws and directives, as well as for the electrical safety in the particular application. HARTING Electronics GmbH | Marienwerderstraße 3 | 32339 Espelkamp | Germany Phone +49 5772 47-97200 | electronics@HARTING.com | www.HARTING.com