

ix Industrial 10A-1 plug SL-S



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

Part number	09 45 181 2560 XL
Specification	ix Industrial 10A-1 plug SL-S
HARTING eCatalogue	https://b2b.harting.com/09451812560XL

Identification

Category	Connectors
Series	HARTING ix Industrial®
Identification	Data
Element	Cable connector

Version

Termination method	Solder termination
Shielding	Fully shielded, 360° shielding contact
Number of contacts	8
Additional contacts	+ 2x GND
Coding	Type A
Pack contents	Packaging with 100 pieces

Technical characteristics

Conductor cross-section	AWG 28/7 ... AWG 22/7
Wire outer diameter	≤1.55 mm
Rated current	1.5 A
Rated voltage	50 V AC 60 V DC
Contact resistance	≤30 mΩ
Shielding resistance	≤100 mΩ
Limiting temperature	-40 ... +85 °C
Storage temperature	-30 ... +60 °C



Pushing Performance

Technical characteristics

Insertion force	≤25 N
Withdrawal force	≤25 N
Mating cycles	≥5,000
Degree of protection acc. to IEC 60529	IP20
Cable diameter	5.5 ... 7.2 mm
Test voltage $U_{r.m.s.}$	0.5 kV
Transmission characteristics	Cat. 6 _A Class E _A up to 500 MHz
Data rate	10 Mbit/s
	100 Mbit/s
	1 Gbit/s
	2.5 Gbit/s
	5 Gbit/s
Retention force	≥80 N locking

Material properties

Material (insert)	Polyamide (PA)
Colour (insert)	Black
Material (contacts)	Copper alloy
Surface (contacts)	Au over Ni
Material flammability class acc. to UL 94	V-0
RoHS	compliant
ELV status	compliant
China RoHS	e
REACH Annex XVII substances	No
REACH ANNEX XIV substances	No
REACH SVHC substances	No

Specifications and approvals

Specifications	IEC 61076-3-124
UL / CSA	UL 1977 ECBT2.E102079 CSA-C22.2 No. 182.3 ECBT8.E102079

Commercial data

Packaging size	100
Net weight	8.6 g



Pushing Performance

Commercial data

Country of origin	Japan
European customs tariff number	85389099
eCl@ss	27440101 Rectangular connectors (set)