LLB 502 Bus cap EtherCAT

replaces existing LLB502 A+SSI cap

Order-#: LLB502-20900
5.3.2024 / 010203040099999999

Stock photo

EtherNet/IP EtherCAT PROFINET Field-Bus

Advantages

_ Basic device A+SSI required!

Technical data for LLB502-20900

INTERFACE	ETHERCAT
SUPPLY VOLTAGE	12-30V
CONNECTOR TYPE	1X4P.M12-CONNECTOR (A-COD)
	2X4P.M12-FEMALE (D-COD)
PROTECTION Class	IP65
DRAWING NO.	KAT-DRAW-00485
AL:	N
ECCN:	N

General data for K-LLB502-ETN-1

Supply - Supply voltage	12…30 VDC
Current consumption no load	<= 600 mA
- Measured at	24 VDC
EtherCAT - Interface - EtherCAT	IEC 61158-1–6, IEC 61784-2
- Physical Layer	Fast Ethernet, ISO/IEC 8802-3

Subject to change.

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General data for K-LLB502-ETN-1 continuation

- Device profile	CoE, CiA DS-406
- Equipment	Optional interface
- Part no. of the connection cap	LLB502-20900
EtherNet/IP™ - Interface - EtherNet/IP™	IEC 61784-1 CP 2/2, IEC 61158
- Physical Layer	Fast Ethernet, ISO/IEC 8802-3
- Device profile	Encoder Device Profile 0x22
- Equipment	Optional interface
- Dynamic Host Config. Protocol	DHCP is supported
- Address-Collision-Detection	ACD is supported
- Device-Level-Ring	DLR is supported
- Part no. of the connection cap	LLB502-20700
PROFINET IO - Interface - PROFINET IO – Device	IEC 61158, IEC 61784-1
- Physical Layer	Fast Ethernet, ISO/IEC 8802-3
- PROFINET-Specification	V2.3
- Conformance Class	B
- Media Redundancy Protocol, MRP	yes, is supported
- Equipment	Optional interface
- Part no. of the connection cap	LLB502-20800
Transmission rate - Specific value	100 MBit/s
Parameter/Function, changeable	Interface parameter
Type of parametrization	programmable
Programming - Tool	Fieldbus-Device
Mass, typically	0.09 kg
**********	**********
Device variants - without heating	LLB502-00001 (<=150 m, ±1 mm)
- without heating	LLB502-00003 (<=150 m, ±3 mm)
- with heating	LLB502-01111 (<=500 m, ±1 mm)
- with heating	LLB502-01213 (<=500 m, ±3 mm)
- Note	existing cap must be replaced!

Environmental data

Vibration	DIN EN 60068-2-6

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Environmental data continuation

- Specific value	<= 50 m/s²
- Sine	60…150 Hz
Shock	DIN EN 60068-2-27
- Specific value	<= 500 m/s²
- Half sine	11 ms
Immunity to disturbance	DIN EN 61000-6-2
Transient emissions	DIN EN 61000-6-3
Working temperature - Standard	-10…+50 °C
- Optional	-40…+50 °C;
Storage temperature, dry	-40…+70 °C
Relative humidity	60 %, non condensing
Protection class	DIN EN 60529
- Standard	IP65
- Note	connected and screwed

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