

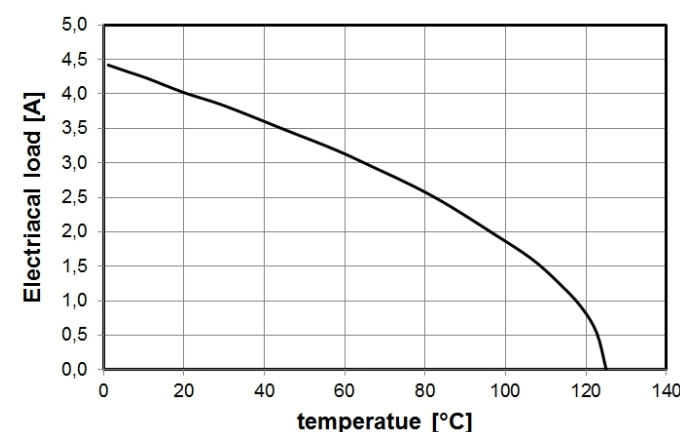


Design	female connector
No. of contacts	4-poles
Contact pitch	1.27 mm
Test voltage	500 V
Rated voltage	16 V
Rated current	16 A
Contact resistance	max. 20mOhm
Insulation resistance	min. 10 ⁹ Ohm
Working current	2.7A at 70°C (tested with AWG26/19, see derating diagram)
Temperature range	-40°C ... +125°C
Termination technology	IDC
Clearance & creepage distance	Clearance: min. 0.45 mm
	Creepage: min. 0.45 mm
Insertion force	7 N
Withdrawal force	11 N
Hot plugging	No
vibration	10-2000Hz, 1.5mm/20g; 10 sweep cycles
shock	50g/ 11ms; 10 shocks par axis and direction
RoHS - compliant	Yes
UL file	E 102079

Material	LCP (liquid crystalline polymer, glass fiber reinforcement 30%)
Color	black
UL classification	UL 94-V0
Material group acc. IEC 60664-1	IIIa (175 < CTI < 400)
NFF classification	-

Contact material	Copper alloy
Plating termination zone	Sn over Ni
Plating contact zone	Au over Ni

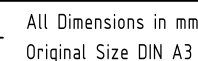
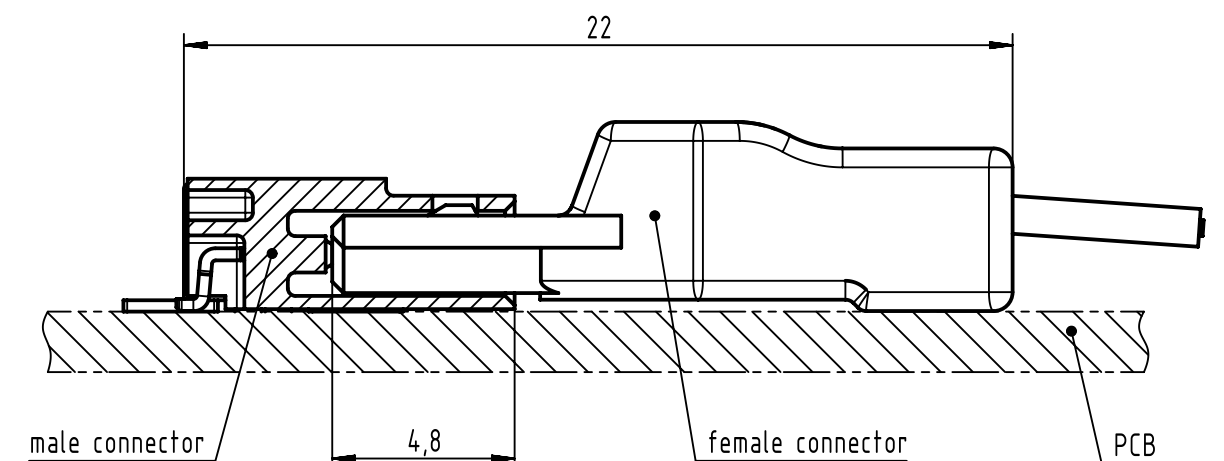
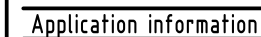
Control and test procedures according to IEC 60512-5-2



tested with AWG26/19

Conductor cross section solid min./max.	-
Conductor cross section stranded min./max.	0,08mm ² / 0,14mm ²
Conductor cross section stranded, with ferrule, min./max.	-
Minimum AWG	28
Maximum AWG	26
Stripping length	0 mm
reconnection to the same gauge	3 times
Insulation-diameter	max. 1,0 mm
Insulation-material	Polyethylen (PE)

part number	14990000002
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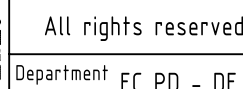
Scale
1:1

	Ref.
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Sub. DS 14312100601

ECM-no.: 500000067191

14.10.2013



Created
HASSE

Inspected by
LUETTERMAN

Standardisation
HOFFMANN

Date
2014-11-25

State
Final Release

Title	har-flexicon 1.27 female connector horizontal
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Doc-Key / ECM-Nr.
100533482/UGD/001/D
500000082339

HARTING Electronics GmbH

D-32339 Espelkamp

Type DS

Number	14312100601
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