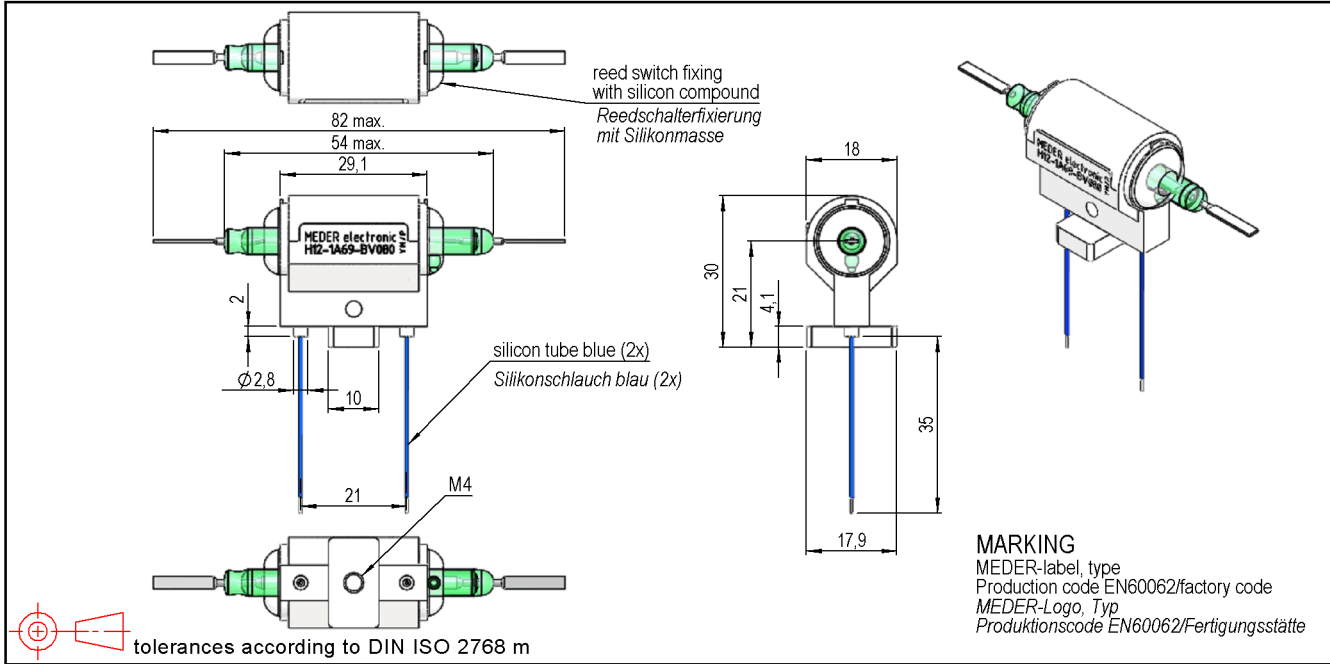


Preliminary Datasheet



Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		207	230	253	Ohm
Coil voltage			12		VDC
Rated power			626		mW
Coil current			52		mA
Thermal resistance	max. Relay temperature = operating temperature + self heating		32		K/W
Inductance			240		mH
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			VDC

Contact data 69	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			50	W
Switching voltage	DC or Peak AC			10.000	V
Switching current	DC or Peak AC			3	A
Carry current	DC or Peak AC			5	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			TOhm
Breakdown voltage	according to IEC 255-5	17.000			VDC
Operate time incl. bounce	measured with 40% overdrive			3	ms
Release time	measured with no coil excitation			1,5	ms
Capacitance	@ 10 kHz across open switch		0,8		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Number of contacts				1	
Contact - form				A - NO	
Dielectric Strength Coil/Contact	according to IEC 255-5	17			kV DC
Insulation resistance Coil/Contact	RH <45%, 100 VDC test voltage	10			TOhm
Capacity Coil/Contact	@ 10 kHz		1,1		pF
Case colour				nature	
Housing material				Crastin,SK 645FR, rated 94V-0, 140 °C, E.I. Dupont	
Connection pins				FeNi-alloy tin plated	
Magnetic Shield				no	
Reach / RoHS conformity				yes	

Modifications in the sense of technical progress are reserved

Designed at: 27.05.09 Designed by: WKOVACS
 Last Change at: 24.02.10 Last Change by: KSTOPPEL

Approval at: 09.06.09 Approval by: KOLBRICH
 Approval at: Approval by:

Version: 04



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Item No.:
1912169080
Item:
H12-1A69-BV080

Preliminary Datasheet

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine wave duration 11ms			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-25		85	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability					fully sealed

General data	Conditions	Min	Typ	Max	Unit
BV - Specifics					
BV - Specifics 1.					
Total weight			28		g
Packaging					

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