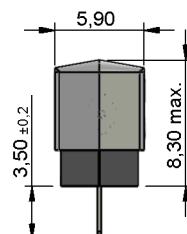
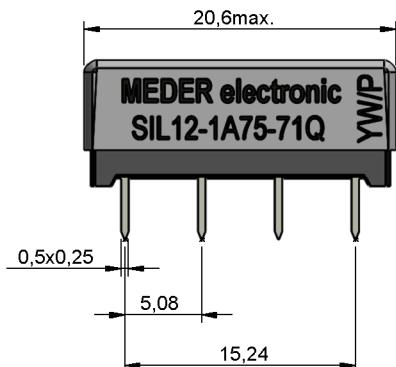


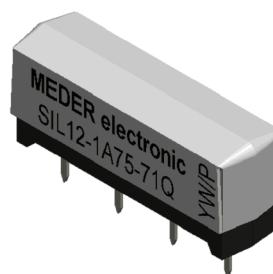
Dimensions mm[inch]

 tolerances acc. to DIN ISO 2768-m
Toleranzen gem. DIN ISO 2768-m



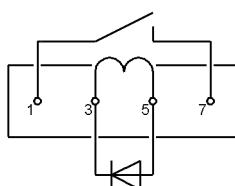
Isometric

Scale 2:1
Maßstab 2:1



Layout

Top view
Draufsicht



Marking

according to EN60062/factory code
gem. EN60062/Fertigungsstätte

MEDER electronic **SIL12-1A75-71Q** **YWP**

Coil Data at 20 °C	Conditions	Min	Typ	Max	Unit
Coil resistance		900	1.000	1.100	Ohm
Coil voltage			12		VDC
Rated power			144		mW
Pull-In voltage				8,4	VDC
Drop-Out voltage		1,8			VDC

Contact data 75	Conditions	Min	Typ	Max	Unit
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			10	W
Switching voltage (<31 AT)	DC or Peak AC			500	V
Switching current	DC or Peak AC			0,5	A
Carry current	DC or Peak AC			1	A
Contact resistance static	Measured with 40% overdrive Start Value			200	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	10			GOhm
Breakdown voltage (20-30 AT)	according to EN 60255-5	1.000			VDC
Operate time incl. bounce	measured with 40% overdrive			0,5	ms
Release time	measured with no coil excitation			0,1	ms
Capacity	@ 10 kHz across open switch		0,4		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Dielectric Strength Coil/Contact	according to EN 60255-5	1,5			kV DC
Insulation resistance Coil/Contact	RH <45%, 200 VDC measuring voltage	100			GOhm
Capacity Coil/Contact	@ 10 kHz		0,7		pF
Housing material				epoxy resin	
Connection pins				CuFe2P, tin plated	
Magnetic Shield				yes	
Approval				VDE No. 40025270	
Approval				UL-File No. NRNT2.E156887 / NRNT8.E156887	
Reach / RoHS conformity				yes	



Products for
tomorrow...

Europe: +49 / 7731 8399 0 | Email: info@meder.com
USA: +1 / 508 295 0771 | Email: salesusa@meder.com
Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:

3312175371

Item:

SIL12-1A75-71Q

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			20	g
Operating temperature		-20		70	°C
Storage temperature		-35		95	°C
Soldering temperature	wave soldering max. 5 sec.			260	°C
Washability				fully sealed	

General data	Conditions	Min	Typ	Max	Unit
Total weight			2,4		g
Packaging				tube per 25 pcs.	

Modifications in the sense of technical progress are reserved

Designed at: 08.03.04 Designed by: SCHELLHORN
Last Change at: 14.09.12 Last Change by: NMHAI

Approval at: 31.10.08 Approval by: KOLBRICH
Approval at: 19.09.12 Approval by: CRUF

Version: 6