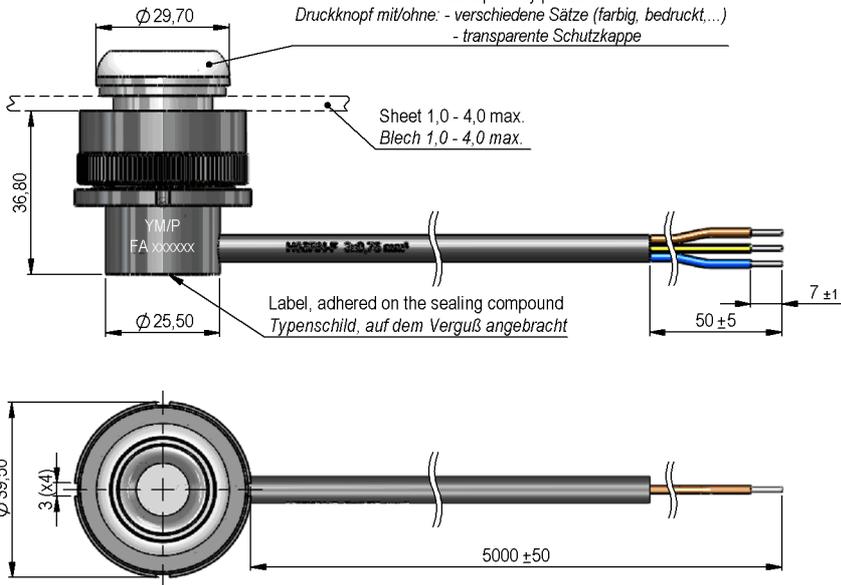


Dimensions mm[inch]



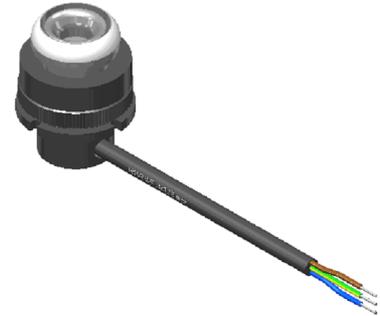
tolerances acc. to DIN ISO 2768-m
 Toleranzen gem. DIN ISO 2768-m

Button with/without: - various insert plates (colour, print,...)
 - transparency protective cover
 Druckknopf mit/ohne: - verschiedene Sätze (farbig, bedruckt,...)
 - transparente Schutzkappe



Isometric

Scale 1:2
 Maßstab 1:2



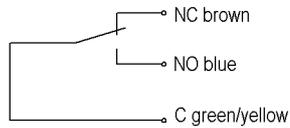
Cable

round cable H05RN-F 3x0,75 mm², black
 Uo/U: 300/500, Ø 6,2 - 8,1 mm
 colour of wires: brown, blue, green/yellow
 Rundkabel H05RN-F 3x0,75 mm², schwarz
 Uo/U: 300/500, Ø 6,2 - 8,1 mm
 Aderfarben: braun, blau, grün/gelb

Terminals/Connector

ends tinned
 Enden verzinkt

Schematic



Marking

according to EN60062/factory code, Batch number (7 digit)
 gem. EN60062/Fertigungsstätte, Fertigungsauftrag (7-stellig)
 (abrasion-protected) (Abriebefest)

Year	Month	
2008 = W	Jan = 1	Jul = 7
2009 = X	Feb = 2	Aug = 8
2010 = A	Mar = 3	Sep = 9
2011 = B	Apr = 4	Okt = 0
2012 = C	Mai = 5	Nov = N
2013 = D	Jun = 6	Dec = D
2014 = E		
2015 = F		

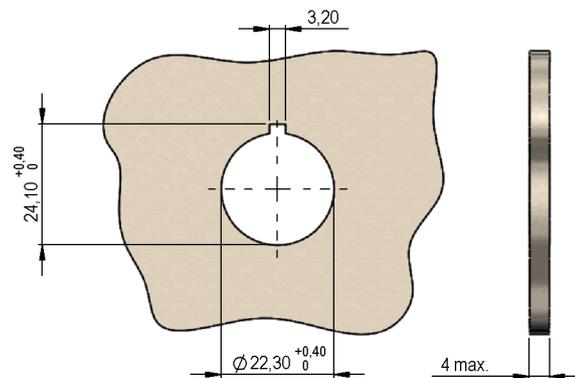


Label

2:1



Drilling template





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 USA: +1 / 508 295 0771 | Email: salesusa@meder.com
 Asia: +852 / 2955 1682 | Email: salesasia@meder.com

Item No.:
9250903504
 Item:
MK25-1C90-5000W

Magnetic properties	Conditions	Min	Typ	Max	Unit
Test equipment					PV 057

Contact data 90	Conditions	Min	Typ	Max	Unit
Contact-form					C
Contact rating	Any DC combination of V & A not to exceed their individual max.'s			3	W
Switching voltage	DC or Peak AC/ with 40% overdrive			30	V
Switching current	DC or Peak AC/with 40% overdrive			0,2	A
Contact resistance static	Measured with 40% overdrive Start Value			150	mOhm
Insulation resistance	RH <45 %, 100 V test voltage	1			GOhm
Breakdown voltage	according to EN 60255-5	150			VDC
Operate time, incl. bounce	measured with 40% overdrive			0,7	ms
Release time	measured with no coil excitation			1,5	ms
Capacity	@ 10 kHz across open switch		1		pF

Special Product Data	Conditions	Min	Typ	Max	Unit
Housing material					PA 6, Typ MIRAMID VE, black 811,
Housing material					Producer: Leuna
Sealing compound					1. Elastosil RT K, Wacker-Chemie GmbH, Wacker-Silicon
Sealing compound					Hans Seidel Platz 4, D-81737 München,
Sealing compound					Vulcanising of two components silicon-cautchucs,
Sealing compound					colour lightgrey, vulcanisation adding of cross linking Hard
Sealing compound					Mixing: Elastosil/Hardener T 50:1, handling time 90 min.,
Sealing compound					vulcanisation time: 7-8 h (non-adhesive) or
Sealing compound					Elastosil/Harder T 25:1, handling time 30 min.,
Sealing compound					vulcanisation time 3-4 h (non-adhesive)
Sealing compound					2. Polyurethan PU 570, Wevo-Chemie GmbH,
Sealing compound					Mergenthalerstr.13, D-73760 Ostfildern-Kemnat
Sealing compound					colour dark grey, useful temperature range: -40 to 130°C
Sealing compound					Mixing: PU 570/Harder 300 in 5:1 ratio by weght.

Environmental data	Conditions	Min	Typ	Max	Unit
Shock	1/2 sine, duration 11ms, in 3 axis			50	g
Vibration	from 10 - 2000 Hz			35	g
Operating temperature		-40		60	°C
Storage temperature		-40		60	°C

Cable specification	Conditions	Min	Typ	Max	Unit
Cable type					oil resistant round cable H05RN-F, black,
Cable type					3x0,75 mm ² , U ₀ / U : 300/500
Cable type					colour of wires: brown, blue, green/yellow

Modifications in the sense of technical progress are reserved

Designed at: 09.09.10 Designed by: DKUECHLER
 Last Change at: 14.01.14 Last Change by: WKOVACS

Approval at: 09.09.10 Approval by: DKUECHLER
 Approval at: 14.01.14 Approval by: AWEBER

Version: 04

Mouser Electronics

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