

KT5010



Capacitive touch sensor

KTRDHOK-RBPKG/AM/2M



Application

Operating principle	dynamic
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Electrical data

Operating voltage [V]	12...30 DC
Current consumption [mA]	30
Protection class	III
Reverse polarity protection	yes
Max. power-on delay time [ms]	500

Outputs

Electrical design	PNP
Output function	normally open
Permanent current rating of switching output DC [mA]	200
Short-circuit protection	yes
Overload protection	yes
Length of output signal [ms]	300

Response times

Response time [ms]	35
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Operating conditions

Ambient temperature [°C]	-40...85
Protection	IP 67; IP 69K; (on the front)

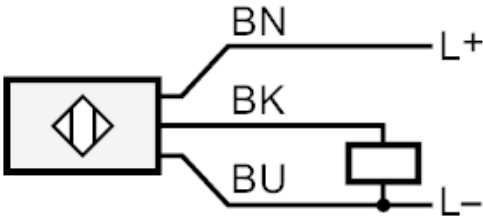
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Tests / approvals		
MTTF	[years]	4904
Mechanical data		
Weight	[g]	139.8
Dimensions	[mm]	Ø 96.9 / L = 11
Materials	active face: PA Grilamid TR 90UV transparent; housing: polycarbonate-ABS black	
Displays / operating elements		
Display	switching status	8 x LED, red
	operation	8 x LED, green
Accessories		
Accessories (optional)	surround in different colours	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PUR		
Connection		



	Core colours :
BK =	black
BN =	brown
BU =	blue