

KT5012



Capacitive touch sensor

KTRSHOK-RBPKG/AM/2M



Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	Ø 96.9 / L = 11

Application

Principle of operation	static
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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

Reaction times

Response time [ms]	35
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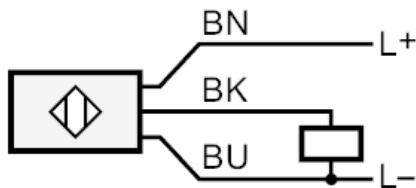
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Operating conditions		
Ambient temperature	[°C]	-40...85
Protection		IP 67; IP 69K; (on the front)
Tests / approvals		
MTTF	[years]	490.4
Mechanical data		
Weight	[g]	141.5
Dimensions	[mm]	Ø 96.9 / L = 11
Material		actuating surface: PA Grilamid TR 90UV transparent; housing: PC/ABS black
Displays / operating elements		
Display	Switching status	8 x LED, red
	Power	8 x LED, green
Accessories		
Accessories (optional)		surround in different colors
Remarks		
Pack quantity		1 pcs.
Electrical connection		
Cable: 2 m, PUR		
Connection		



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