

KT5002



Capacitive touch sensor

KTRDHMK-RBPKG/AM/AS/0,3M



Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	Ø 100 / L = 11

Application

Operating principle	dynamic
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Electrical data

Operating voltage [V]	12...30 DC
Current consumption [mA]	30
Protection class	III

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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)

Tests / approvals

MTTF [years]	391
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Mechanical data

Weight [g]	131
Dimensions [mm]	Ø 100 / L = 11
Materials	active face: PA Grilamid TR 90UV transparent; housing: PC/ABS black; Coloured surround: PC/ABS green

Displays / operating elements

Display	switching status	8 x LED, red
	operation	8 x LED, green

Accessories

Accessories (optional)	surround in different colours
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Remarks

Pack quantity	1 pcs.
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Electrical connection - plug

Cable: 0.3 m, PUR

Connector: 1 x M8; coding: A



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Connection

