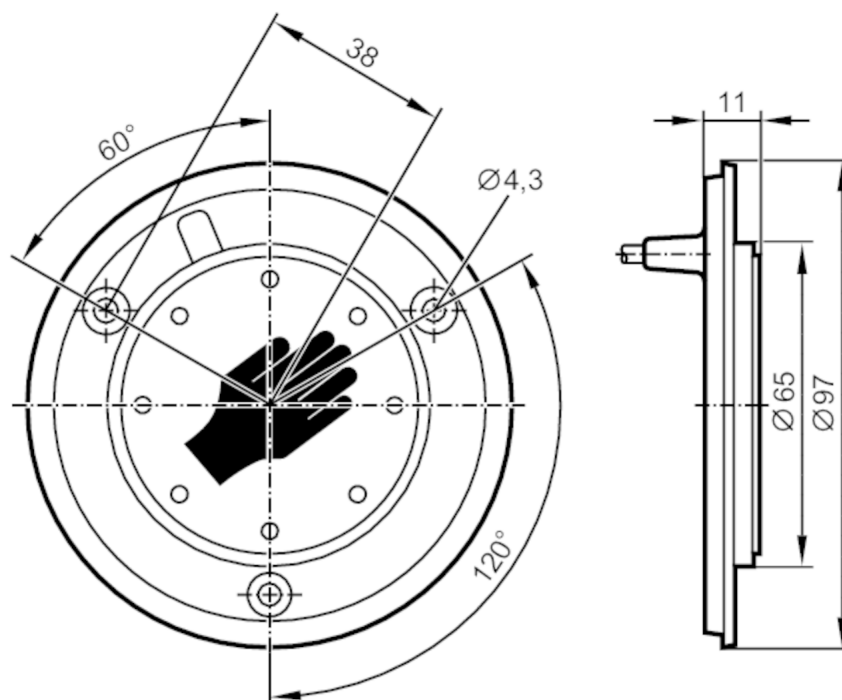


KT5020



Capacitive touch sensor

KTRDHOKGRBPKG/AM/US/0,3M



Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	Ø 96.9 / 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
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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KT5020



Capacitive touch sensor

KTRDHOKGRBPKG/AM/US/0,3M

Operating conditions

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

Mechanical data

Weight	[g]	136.5
Dimensions	[mm]	Ø 96.9 / L = 11
Materials		active face: PA Grilamid TR 90UV transparent; housing: PC/ABS black

Displays / operating elements

Display	switching status	8 x LED, red
	function	8 x LED, green can be activated via PIN 2

Accessories

Accessories (optional)	surround in different colours
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Remarks

Pack quantity	1 pcs.
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Electrical connection

Cable: 0.3 m, PUR

Electrical connection - plug

Connector: 1 x M12; coding: A



Connection

