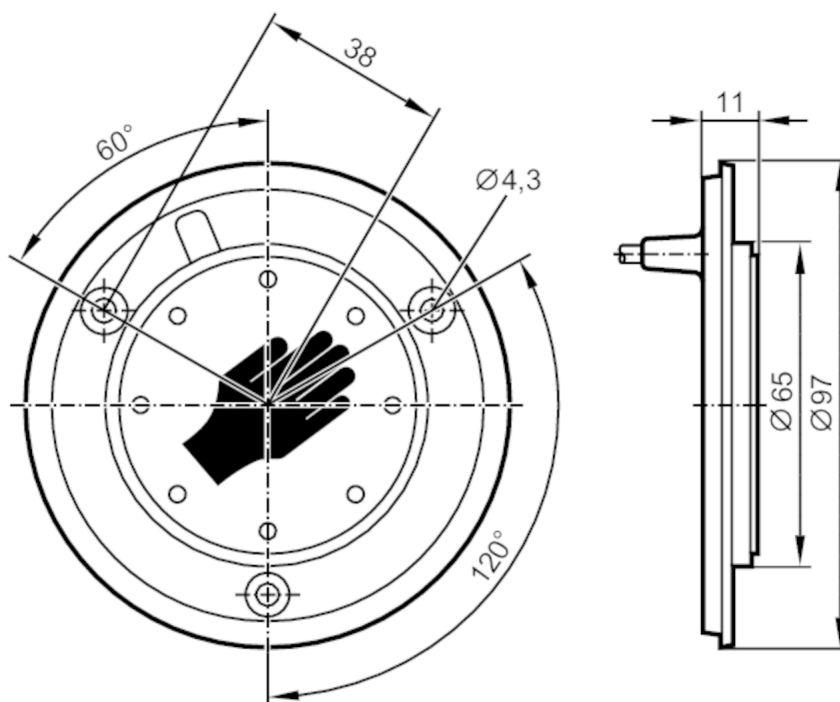


KT5007



Capacitive touch sensor

KTRDHOK-RANKG/AM/AS/0,3M



Product characteristics

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

Application

Principle of operation	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	NPN
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

Reaction times

Response time [ms]	35
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KT5007



Capacitive touch sensor

KTRDHOK-RANKG/AM/AS/0,3M

Operating conditions		
Ambient temperature	[°C]	-40...85
Protection		IP 67; IP 69K; (on the front)
Tests / approvals		
MTTF	[years]	418
Mechanical data		
Weight	[g]	115.5
Housing		tubular
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 - plug		
Cable: 0.3 m, PUR		
Connector: 1 x M8; coding: A		
		

Connection
