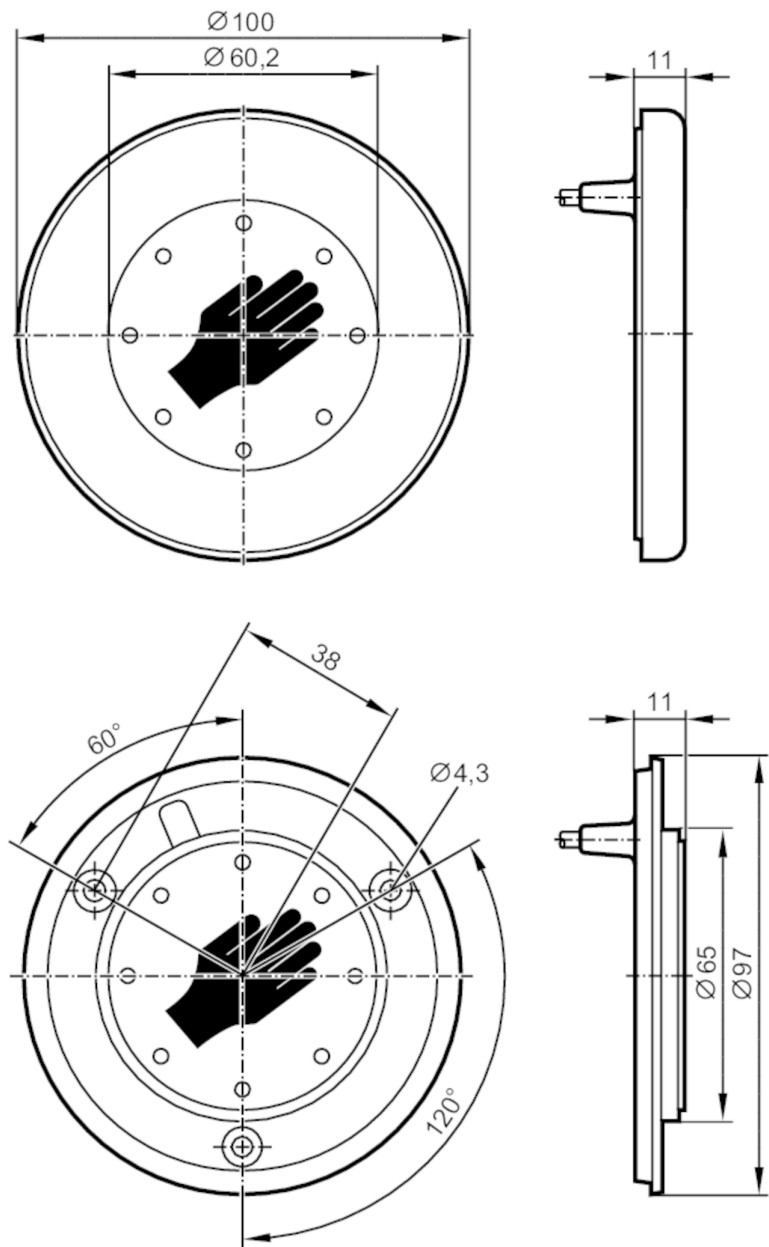


KT5009



Capacitive touch sensor

KTRDHMKGRBPKG/AM/2M



Application

Operating principle

dynamic

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

KT5009



Capacitive touch sensor

KTRDHMKGRBPKG/AM/2M

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	
Operating conditions		
Ambient temperature [°C]	-40...85	
Protection	IP 67; IP 69K; (on the front)	
Tests / approvals		
MTTF [years]	419	
Mechanical data		
Weight [g]	153.8	
Dimensions [mm]	Ø 100 / L = 11	
Materials	active face: PA Grilamid TR 90UV transparent; housing: polycarbonate-ABS black; Coloured surround: polycarbonate-ABS green	
Displays / operating elements		
Display	switching status	8 x LED, red
	function	8 x LED, green can be triggered
Accessories		
Accessories (optional)	surround in different colours	
Remarks		
Pack quantity	1 pcs.	

KT5009



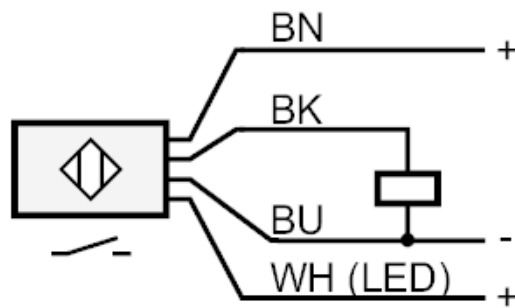
Capacitive touch sensor

KTRDHMKGRBPKG/AM/2M

Electrical connection

Cable: 2 m, PUR

Connection



Core colours :

BK =	black
BN =	brown
BU =	blue
WH =	white