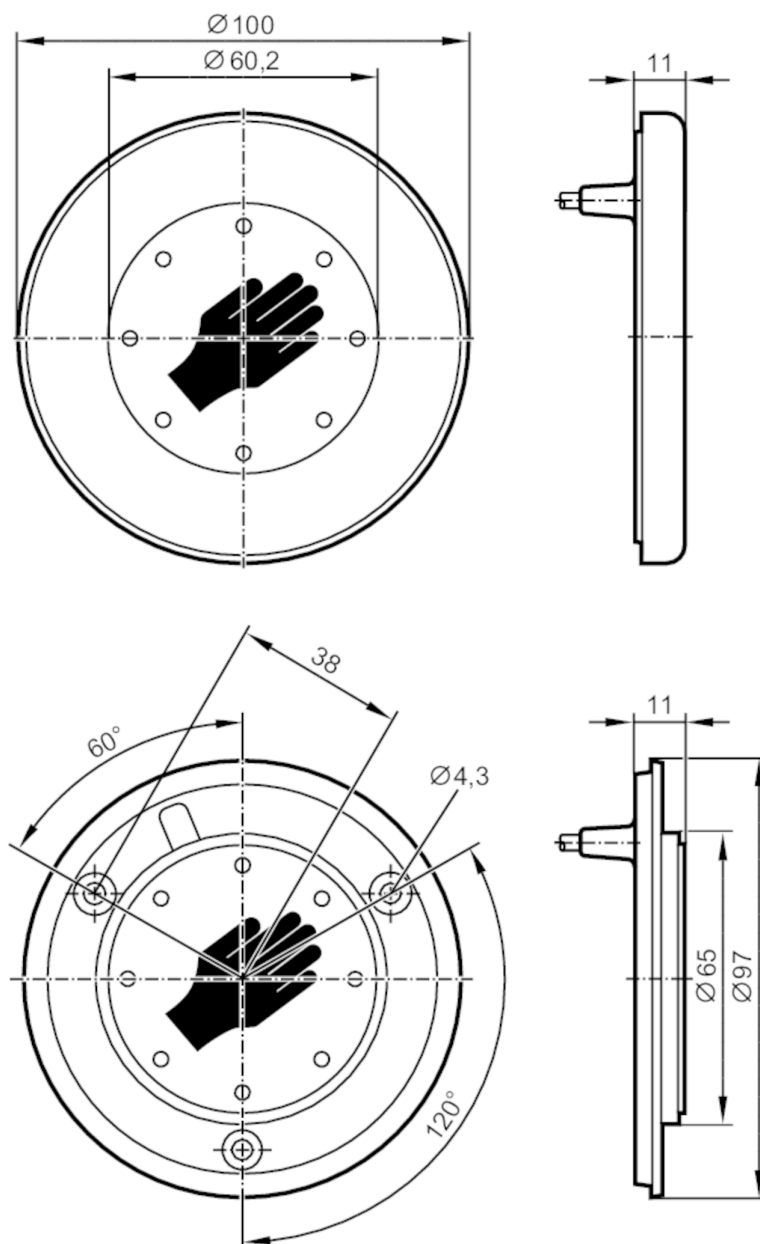


KT5001



Capacitive touch sensor

KTRDHMK-RBPKG/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

KT5001



Capacitive touch sensor

KTRDHMK-RBPKG/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]	391	
Mechanical data		
Weight [g]	154.2	
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
	operation	8 x LED, green
Accessories		
Accessories (optional)	surround in different colours	
Remarks		
Pack quantity	1 pcs.	

KT5001

Capacitive touch sensor

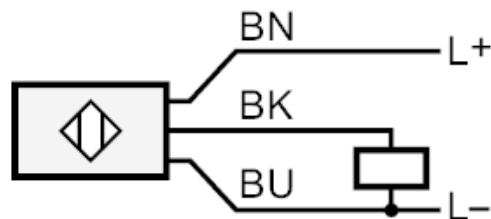
KTRDHMK-RBPKG/AM/2M



Electrical connection

Cable: 2 m, PUR

Connection



Core colours :

BK =	black
BN =	brown
BU =	blue