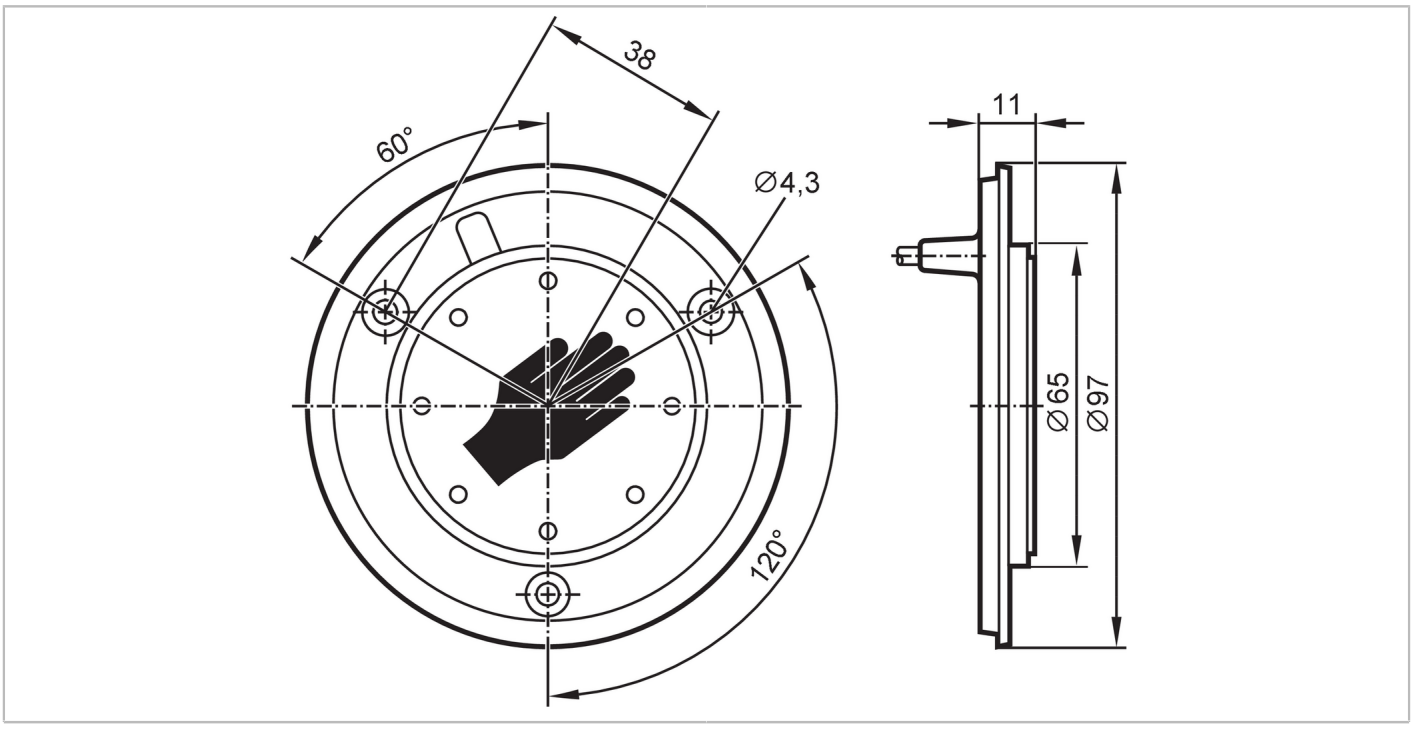
KT5010

Capacitive touch sensor

KTRDHOK-RBPKG/AM/2M



Product characteristics		
Electrical design		PNP
Output function		normally open
Housing		cylindrical
Dimensions	[mm]	Ø 96.9 / L = 11
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
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

KT5010

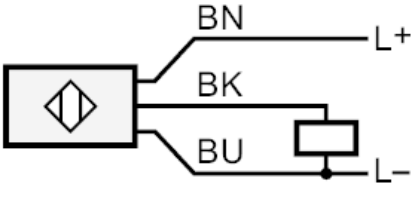
Capacitive touch sensor

KTRDHOK-RBPKG/AM/2M

Operating conditions			
Ambient temperature	[°C]	-40...85	
Protection		IP 67; IP 69K; (on the front)	
Tests / approvals			
MTTF	[years]	490	
Mechanical data			
Weight	[g]	144	
Housing		cylindrical	
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
		operation	8 x LED, green
Accessories			
Accessories (optional)		surround in different colours	
Remarks			
Pack quantity		1 pcs.	
Electrical connection			

Cable: 2 m, PUR

Connection



	Core colours :
BK =	black
BN =	brown
BU =	blue