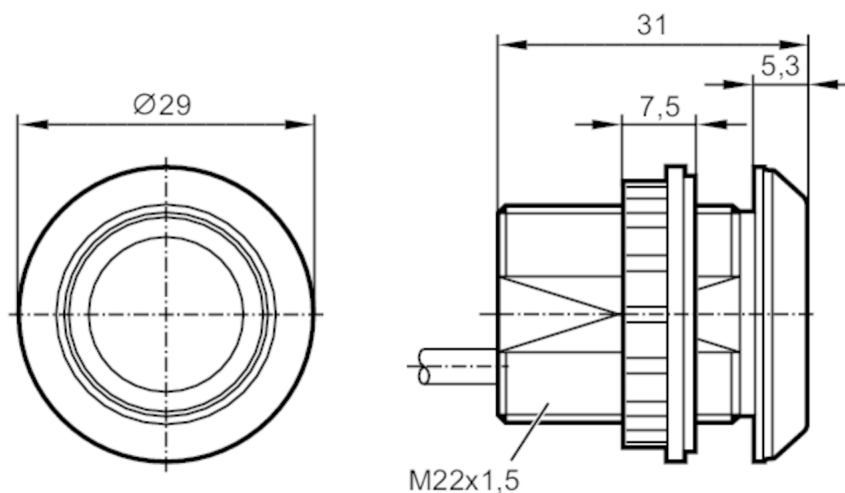


KT5111

Illuminated capacitive touch sensor

KTMDF-KGRBPKG/2M



Product characteristics

Electrical design	PNP
Output function	normally open
Dimensions [mm]	Ø 29 / L = 31

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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Operating conditions

Ambient temperature [°C]	-40...85
Protection	IP 65; IP 67; IP 69K; (on the front)

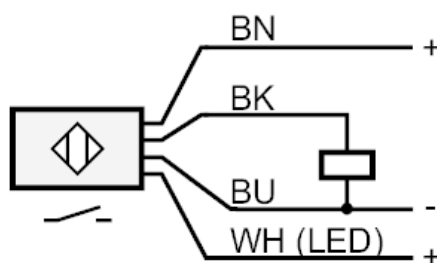
KT5111



Illuminated capacitive touch sensor

KTMDF-KGRBPKG/2M

Tests / approvals		
EMC	IEC 61000-4	
MTTF	[years]	531
Mechanical data		
Weight	[g]	98.5
Dimensions	[mm]	Ø 29 / L = 31
Materials	PA 6.6-GF30 black; active face: PA Grilamid TR 90UV	
Displays / operating elements		
Display	switching status	1 x LED, red
	function	1 x LED, green can be triggered
Accessories		
Items supplied	lock nuts: 1	
	Gasket: 1	
Accessories (optional)	symbol disc	
Remarks		
Pack quantity	1 pcs.	
Electrical connection		
Cable: 2 m, PUR		
Connection		



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