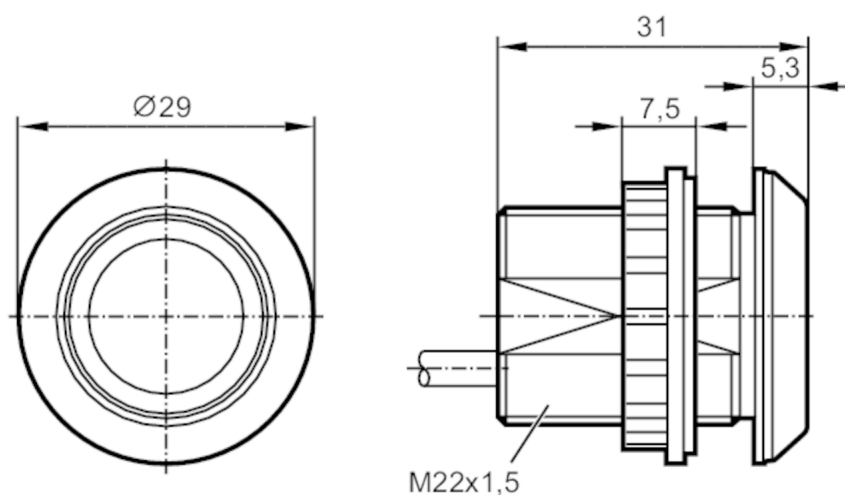


KT5112

Illuminated capacitive touch sensor

KTMDF-KGRBPKG/US



Product characteristics

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

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
--------------------	----

Operating conditions

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

KT5112



Illuminated capacitive touch sensor

KTMDF-KGRBPKG/US

Tests / approvals		
EMC	IEC 61000-4	
Mechanical data		
Weight	[g]	55
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 - plug

Cable: 0.3 m, PUR

Connector: 1 x M12; coding: A



Connection

