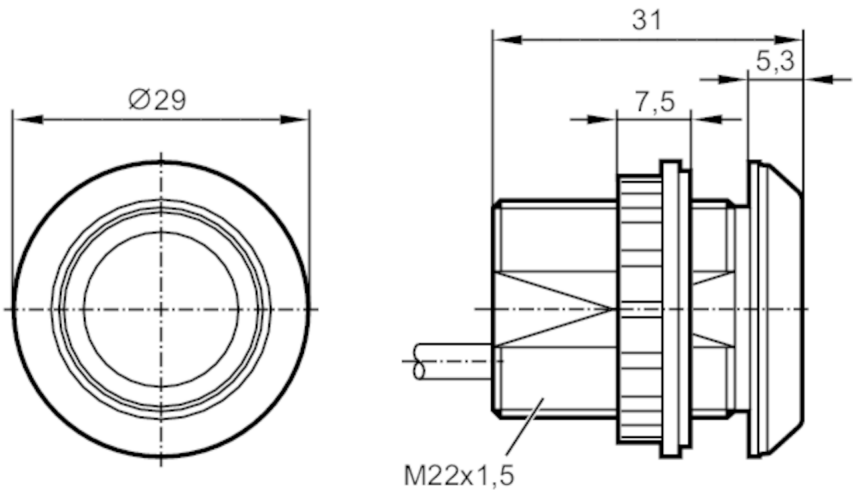


KT5102



Illuminated capacitive touch sensor

KTMDF-K-RBPKG/US/0,3M



Product characteristics		
Electrical design		PNP
Output function		normally open
Dimensions	[mm]	Ø 29 / L = 31
Application		
Principle of operation		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
Reaction times		
Response time	[ms]	35
Operating conditions		
Ambient temperature	[°C]	-40...85
Protection		IP 65; IP 67; IP 69K; (on the front)

KT5102



Illuminated capacitive touch sensor

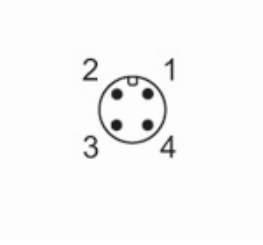
KTMDF-K-RBPKG/US/0,3M

Tests / approvals		
MTTF	[years]	352
Mechanical data		
Weight	[g]	55.5
Dimensions	[mm]	Ø 29 / L = 31
Material	PA 6.6-GF30 black; actuating surface: PA Grilamid TR 90UV	
Displays / operating elements		
Display	Switching status	1 x LED, red
	Power	1 x LED, green
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

