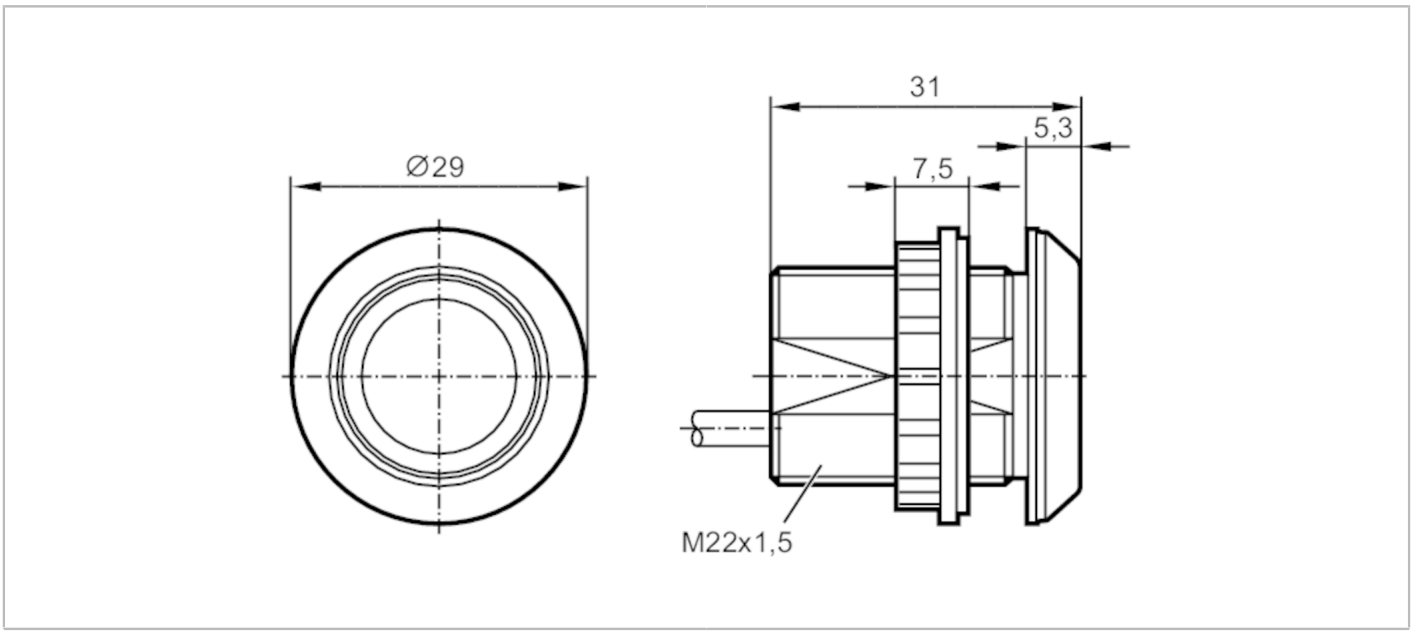
KT5150

Illuminated capacitive touch sensor

KTMBF-KRGBPKG/2M



Product characteristics		
Electrical design		PNP
Output function		normally open
Dimensions	[mm]	Ø 29 / L = 31
Application		
Operating principle		bistable
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
Response times		
Response time	[ms]	35
Operating conditions		
Ambient temperature	[°C]	-40...85
Protection		IP 65; IP 67; IP 69K; (on the front)
Tests / approvals		
EMC		IEC 61000-4

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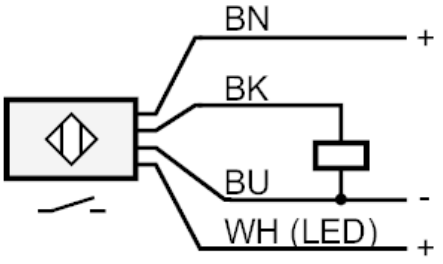
Mechanical data			
Weight	[g]	99	
Dimensions	[mm]	Ø 29 / L = 31	
Materials		PA 6.6-GF30 black; active face: PA Grilamid TR 90UV	
Displays / operating elements			
Display		switching status	1 x LED, green
		function	1 x LED, red can be triggered
Accessories			
Items supplied		lock nuts: 1	
		Gasket: 1	
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