

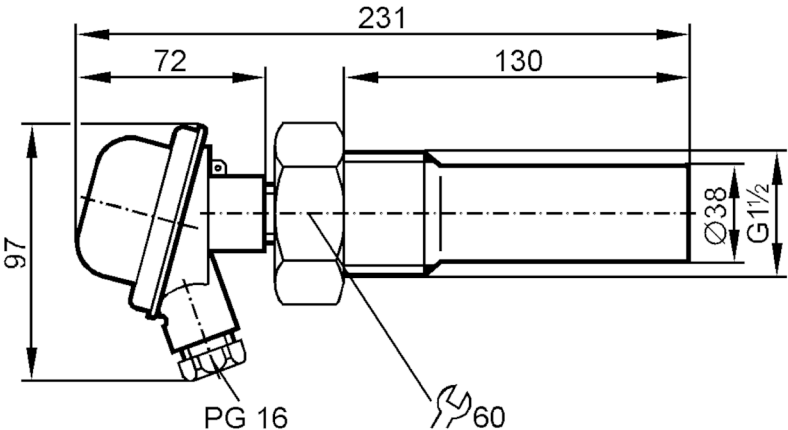
KI5211



Capacitive sensor

KSC3002--013/TBG/BPKG/NI

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Product characteristics		
Electrical design		PNP
Output function		normally open
Sensing range	[mm]	2
Application		
Application		aggressive media
Electrical data		
Operating voltage	[V]	10...36 DC
Current consumption	[mA]	13; (24 V)
Protection class		II
Reverse polarity protection		yes
Outputs		
Electrical design		PNP
Output function		normally open
Max. voltage drop switching output DC	[V]	2.5
Permanent current rating of switching output DC	[mA]	250
Switching frequency DC	[Hz]	40
Short-circuit protection		yes
Type of short-circuit protection		yes (non-latching)
Overload protection		yes

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Monitoring range		
Sensing range	[mm]	2
Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65
Increased immunity		yes; (Increased immunity to conducted radio frequency interference)
Tests / approvals		
EMC	EN 60947-5-2	
Mechanical data		
Mounting		non-flush mountable
Material		PTFE; connecting head (DIN 43729 form B): PA 6.6
Accessories		
Items supplied		lock nuts: 2
		screwdriver: 1
Remarks		
Pack quantity		1 pcs.
Electrical connection		
terminals: ...1.5 mm²		
Connection		

