

RT



Electrical design	NPN
Output function	normally open / closed; (selectable)
Sensing range [mm]	15
Housing	Threaded type
Dimensions [mm]	M30 x 1.5 / L = 125

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	10; (24 V)
Protection class		II
Reverse polarity protection		yes

Electrical design	NPN
Output function	normally open / closed; (selectable)
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

Sensing range	[mm]	15
---------------	------	----

KI5076



Capacitive sensor

KIE3015-FNKG RT

Real sensing range Sr	[mm]	15 ± 10 %
Operating distance	[mm]	0...12.1

Accuracy / deviations		
Correction factor		glass: 0.4 / water: 1 / ceramics: 0.2 / PVC: 0.2
Hysteresis	[% of Sr]	1...15
Switch-point drift	[% of Sr]	-15...15

Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65

Tests / approvals		
EMC	EN 60947-5-2	

Mechanical data		
Housing		Threaded type
Mounting		non-flush mountable
Dimensions	[mm]	M30 x 1.5 / L = 125
Thread designation		M30 x 1.5
Material		PBT; end cap: PC

Displays / operating elements		
Display	Switching status	1 x LED, red

Accessories		
Items supplied		lock nuts: 2
		screwdriver: 1

Remarks		
Pack quantity		1 pcs.

Electrical connection		
terminals: ...2.5 mm²		
Connection		

