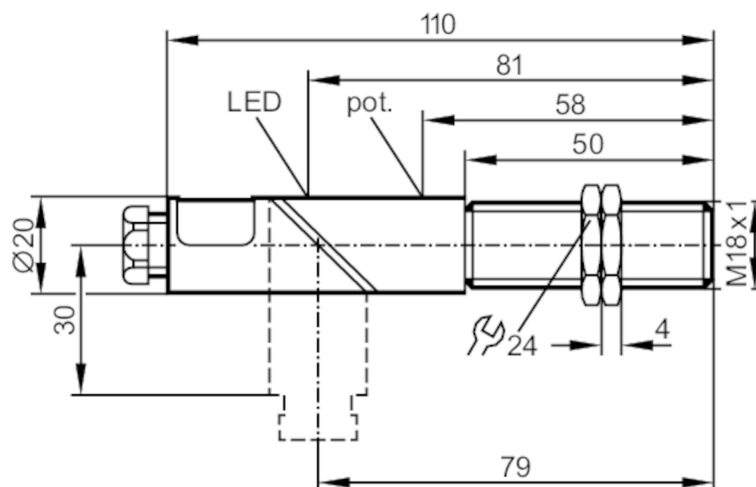




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Product characteristics

Electrical design	PNP
Output function	normally closed
Sensing range [mm]	8
Housing	threaded type
Dimensions [mm]	M18 x 1 / L = 110

Electrical data

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

Outputs

Electrical design	PNP
Output function	normally closed
Max. voltage drop switching output DC [V]	2.5
Permanent current rating of switching output DC [mA]	250
Switching frequency DC [Hz]	50
Short-circuit protection	yes
Type of short-circuit protection	pulsed
Overload protection	yes

Detection zone

Sensing range [mm]	8
Real sensing range S_r [mm]	$8 \pm 10 \%$
Operating distance [mm]	0...6.5

KG5003



Capacitive sensor

KGE3008-APKG

Accuracy / deviations			
Correction factor		glass: 0.4 / water: 1 / ceramics: 0.2 / PVC: 0.2	
Hysteresis	[X01]		
Switch point drift	[X01]		
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]	M18 x 1 / L = 110
Thread designation		M18 x 1	
Materials		PBT; end cap: PC	
Displays / operating elements			
Display		switching status	1 x LED, yellow
Аксессуары			
Items supplied		lock nuts: 2	
		screwdriver: 1	
Remarks			
Pack quantity		1 pcs.	
Electrical connection			
terminals: ...2.5 mm²; Cable sheath: Ø 4.5...10 mm; Cable gland: M16 X 1.5			
Connection			

