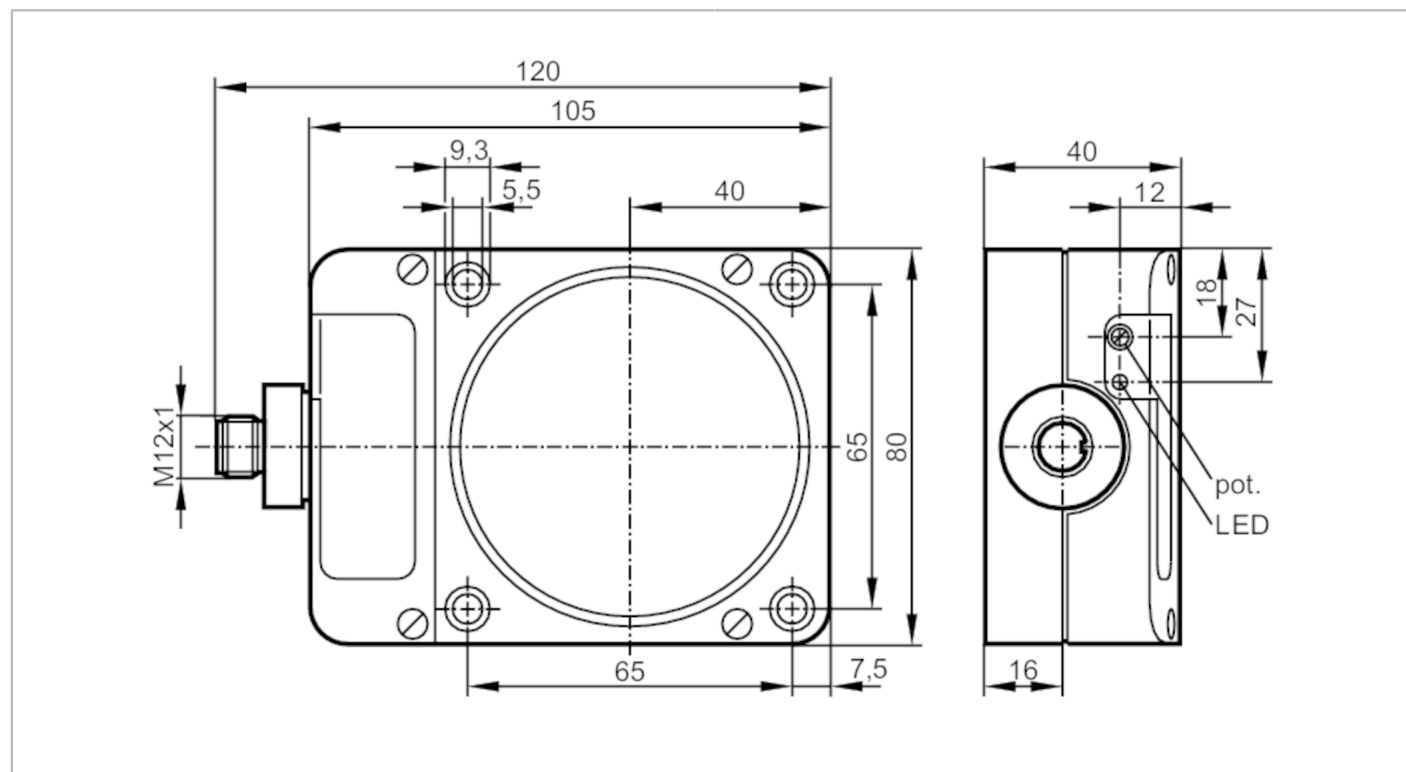


KD5044



Capacitive sensor

KDE3060-BPKG/NI/US-100-DPS



Electrical data

Operating voltage	[V]	10...36 DC
Current consumption	[mA]	5; (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]	10
Short-circuit proof		yes
Overload protection		yes

Detection zone

Sensing range	[mm]	60
Real sensing range S_r	[mm]	$60 \pm 10 \%$
Operating distance	[mm]	0...48.6

Accuracy / deviations

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

KD5044



Capacitive sensor

KDE3060-BPKG/NI/US-100-DPS

Operating conditions		
Ambient temperature	[°C]	-25...80
Protection		IP 65
Tests / approvals		
EMC		EN 60947-5-2
MTTF	[years]	537
Mechanical data		
Weight	[g]	310.4
Housing		rectangular
Mounting		non-flush mountable
Dimensions	[mm]	105 x 80 x 40
Materials		PPE modified
Displays / operating elements		
Display	switching status	1 x LED, yellow
Accessories		
Accessories (supplied)		screwdriver: 1
Remarks		
Pack quantity		1 pcs.
Electrical connection - plug		

Connector: 1 x M12



Connection

