

Capacitive sensors

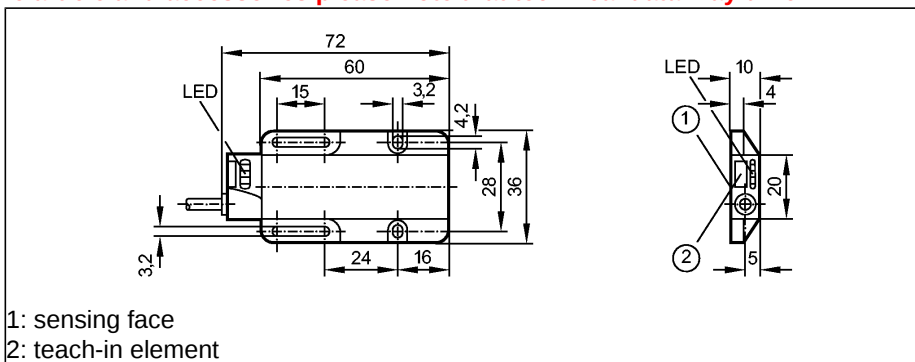
Alternative article: **KQ6002**

**When selecting an alternative article and accessories please note that technical data may differ!**

**KN5105**

KNQ01NUKFPKG  
Level sensor  
Rectangular, plastics  
Cable

Function check output  
Adjustment to the empty and full state possible  
non-flush mountable



1: sensing face  
2: teach-in element



**Application**  
**Electrical design**  
**Output**

For dry bulk materials and liquids, detection through non metal tank walls or bypass pipes. Optimised for media with a dielectric constant < 20 (e.g. oils).

**DC PNP**

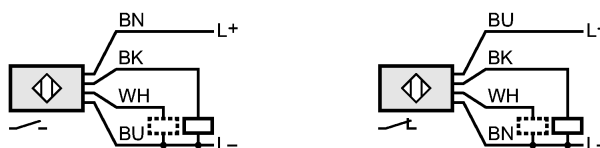
normally open / closed programmable

Operating voltage [V]	10...36 DC
Current rating	
Switching output [mA]	150
Function check output [mA]	10
Short-circuit protection	pulsed
Reverse polarity protection	yes
Overload protection	yes
Voltage drop	
Switching output [V]	< 2.5
Function check output [V]	< 3.5
Current consumption [mA]	< 30 (24 V)
Switching frequency [Hz]	5
Operating temperature [°C]	-25...80
Protection	IP 67, II
EMC	EN 60947-5-2
Housing material	PC; PBT
Function display	
Switching status LED	yellow
Operation LED	green
Function LED	red
Connection	PVC cable / 2 m; 4 x 0.14 mm <sup>2</sup>
Accessories (included)	screwdriver

**Wiring**

Core colours

WH: function checkBK black  
/ programming wireBN brown  
BU blue  
WH white



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