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 Attention: the programming has changed!

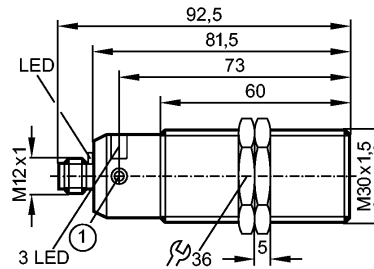
efectoriso

KN5120



KNM30NPKFPKG/US100

Capacitive sensors



1: Programming button



Product characteristics

Level sensor

Plastic thread M30 x 1.5

Quick disconnect

Microprocessor

With remote calibration

Programmable sensing range; [nF] non-flush mountable

Application

Application For dry bulk material and liquids (detection through non-metallic vessel wall)

Electrical data

Electrical design

DC PNP

Operating voltage [V]

10...36 DC

Current consumption [mA]

30 (24 V)

Protection class

II

Reverse polarity protection

yes

Outputs

Output function

normally open / closed programmable

Voltage drop [V]

< 2.5

Current rating [mA]

250

Short-circuit protection

yes (non-latching)

Overload protection

yes

Switching frequency [Hz]

5

Environment

Ambient temperature [°C]

-25...80

Medium temperature [°C]

-25...110

Protection

IP 67

Tests / approvals

EMC

EN 60947-5-2

Mechanical data

Mounting

non-flush mountable

Housing materials

PBT; PP (polypropylene)

Weight [kg]

0.1

Displays / operating elements

Display

Switching status 2 x LED yellow

Power 1 x LED green

Hysteresis/error 1 x LED red

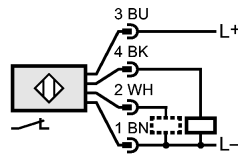
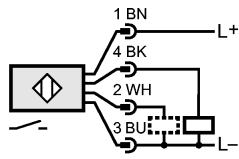
Electrical connection

Connection

M12 connector

Wiring

KN5120 - Level sensor - eclass: 27371813 / 27-37-18-13



2: function check output / programming wire

Remarks

Pack quantity [piece] 1

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