

eicos

40

1982

years

FLOW SENSORS LEVEL SENSORS

FOR LIQUIDS

General catalog 2023

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FLOW SENSORS, | For detecting liquid flow in pipes

flow switch or flow detector. To detect the passage of liquid at a pre-set point by closing a contact (NO). Can be used for water, oil, lubricants and clean liquids.

• Female connection thread (BSP-Parallel)

G 1/4" port



FE14B02-M12
FE14B04-M12

G 1/4" port



FA14B02-M12
FA14B04-M12
FA14B06-M12

G 1/2" port



FH12B02-M12
FH12B04-M12
FH12B06-M12

G 3/4" port



FC34B02-M12
FC34B04-M12
FC34B06-M12

G 1" port



FC10B02-M12
FC10B04-M12

G 1 1/2" port



FJ112B02-M12
FJ112B04-M12

SPECIFICATIONS

Body material	PPA - Polyphthalamide
Maximum operation pressure	25bar
Operating temperature range	0°C to 100°C 140°C @1h
Spring	AISI 302 stainless steel
Sealing	NBR O'Ring
Output connection	M12 male, 2 pins (A-code)
Enclosure rating	IP66
Electrical contact	Reed switch 20W/VA



They are indicated for lubrication system, coolant system, surveillance of liquids flowing in pipelines.



LEVEL SENSORS | Side mounting for liquid level control in tank

It works with a reed switch and a magnetic float providing on/off contacts. For maximum, minimum or multi level points on tank automation. Suitable for water, oil, hydrocarbon and lubricants.

• Internal mounting through Ø16mm hole



LA16M-40
POM*



LA26M-40
PP*



LA36M-40
PPA*

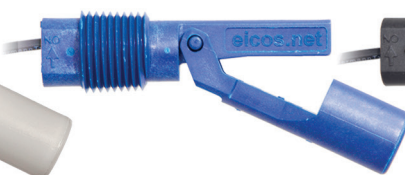


LA36-M12
PPA*

• External side mounting: 1/2" NPT thread



LA12N-40
POM*



LA22N-40
PP*



LA32N-40
PPA*



LA32-M12
PPA*

• Compression gasket (for thin wall tank)

• Short stem for tight spaces, with gasket compression



LA322E-40
PPA*



LA322E-M12
PPA*



LF322E-40
PPA*



LF322E-M12
PPA*

• Specials side mounting (for conduit or connection head, DIN 43650 connector and 1" NPT aluminum connection)



LA32N2-40
PPA*



LA32NP
PPA*



LA31N-M12
PPA*

SPECIFICATIONS

		LA16M-40	LA26M-40	LA36M-40	LA36-M12	LA12N-40	LA22N-40	LA32N-40	LA32-M12	LA32E-40	LA32E-M12	LF322E-40	LF322E-M12	LA32N2-40	LA32NP	LA31N-M12	LB16M-40	LB26M-40	Contrasseco	
Material (color):	POM (white) PP (dark blue) PPA (black) PC (transparent)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Maximum operating pressure:	2bar 7bar	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Operating temperature range:	-10°C to 100°C -10°C to 125°C 1°C to 60°C	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Sealing:	NBR (nitrilic rubber) gasket EPDM gasket Sealant tape	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Liquid minimum density (SG):	0,68 0,70 0,76	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Output connection:	Wire 2x0.5mm ² x40cm Male M12 plug (2 pins) DIN 43650 connector B	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Electrical contact:	Reed Switch 20W/VA	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Switch:	NO (SPST) NC (SPST)	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Enclosure rating:	IP66	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•

***MANUFACTURING MATERIALS**

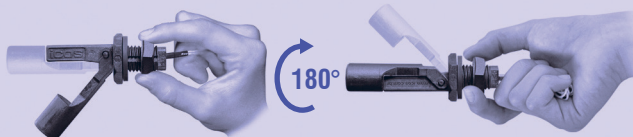
POM - Polyacetal (Suitable for water, hydrocarbon and lubricants).
 PP - Polypropylene (Suitable for chemical products. NOT suitable for hydrocarbon).
 PPA - Polyphthalamide (Best mechanical and temperature resistance).
 PC - Polycarbonate (Don't apply solvents or diluents, they cause chemical damage to polycarbonate).
 Hex nut in PA - Polyamide.

OPERATION

NO NORMALLY OPEN

NC NORMALLY CLOSED

NC NORMALLY CLOSED ONLY



LB16M-40
LB26M-40

• For detection on liquid surface

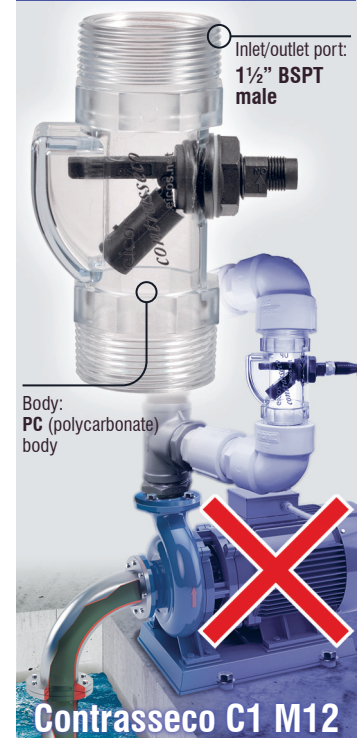


LB16M-40
POM*



LB26M-40
PP*

• Pump dry start protection



Inlet/outlet port:
1 1/2" BSPT male

Body:
PC (polycarbonate)
body

Contrasseco C1 M12

LEVEL SENSORS

Vertical mounting for liquid level control in tank

Models from 45 to 50mm length and 1 or 2 detection points and variable length.
Advanced and low-cost solutions for monitoring the level of tanks.
Indicated for water, oil and chemical products.

• Cable series - 45mm stem length



LC26M-40
PP*



LC36M-40
PPA*



LV42A-40
PVC*

Eicos Vertical
PVC adapter
(DN20)

100%
PVC

SPECIFICATIONS

	LC26M-40	LC36M-40	LV42A-40
Material (color)	PP (dark blue)	PPA (black)	PVC (white)
Operating temperature range	-10°C to 90°C	-10°C to 90°C	5°C to 50°C
Liquid minimum density (SG)	0,70	0,70	0,60
Sealing	NBR (nitrilic rubber) gasket		n/a
Maximum operating pressure	2Bar		
Output connection	Wire 2x0.5mm ² x40cm		
Enclosure rating	IP66		
Switch	NO/NC (SPST) inverting the float position		
Electrical contact	Reed Switch 20W/VA		

*MATERIALS: • PP - Polypropylene • PPA - Polyphthalamide • PVC - Polyvinyl Chloride
LV42A-40 and PVC adapter for mounting with plastic adhesive for PVC standard pipes.

• M12 series: From 45mm, 80mm and 100mm stem length

From 150mm to 500mm stem length



LC36-M12



LD81-M12



LD361-M12



LD362-M12



SPECIFICATIONS (M12 Line)

Material	PPA - Polyphthalamide (PA hex nut)
Maximum operating pressure	2bar
Operating temperature range	-10°C to 90°C
Sealing	NBR
Liquid minimum density (SG)	0,70
Output connection	Male M12 plug, 2 and 4 pin (A-code)
Enclosure rating	IP66
Switch	NO/NC - SPST
Electrical contact	Reed Switch 20W/VA
Maximum wall thickness	9mm

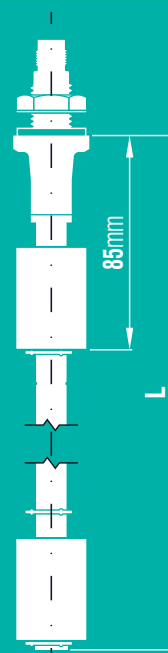


Mounting in 1" BSPxM16 or NPTxM16 connector.
Available on our website.



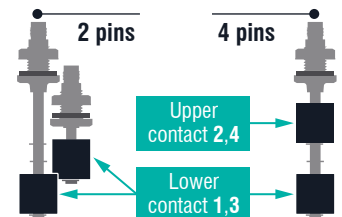
Operation:
NO or NC

Removable lock ring to switch (↑) the float position



1 point • 2 points L(mm)

LE151-M12 • LE152-1-M12 = 150
LE201-M12 • LE202-1-M12 = 200
LE251-M12 • LE252-1-M12 = 250
LE301-M12 • LE302-1-M12 = 300
LE351-M12 • LE352-1-M12 = 350
LE401-M12 • LE402-1-M12 = 400
LE451-M12 • LE452-1-M12 = 450
LE501-M12 • LE502-1-M12 = 500



All informations in

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