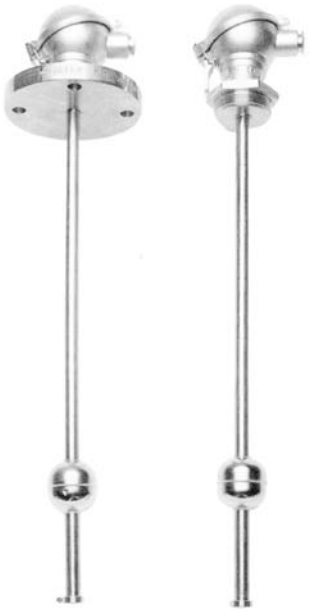
Level Transmitter with Float



- **Max. length δ 3 m**
- **Mounting by G2" connection or flange DN65 PN6, Other connections & flanges on request.**
- **All parts in contact with fluid in Stainless Steel.**
- **Optional: ADF and 316 stainless steel heads**

Use

Transmitters for measuring levels by float in the MF60 series are permanent filling level measurement systems. They have all the advantages of standard magnetic floats without any influence from the change of environment. They can be used in open or closed tanks at a maximum pressure of 10 bar.

Functions & Introduction

See our **NF Manual**: Measurement & Float Level Switches.

Assembly & Installation

Vertical mounting of the top of the tank (the passage is wide enough to introduce the float).
Ensure the guide tube is perpendicular so as to avoid it bending and thus enable the float to slide.
In turbulent environments or for a length greater than 3 metres, provide for fixing of the guide tube in the bottom of the tank and/or the installation of a standpipe.

Technical specifications*

Probe head	: Aluminium housing - IP 55 : **Optional**, Stainless Steel or ADF housing	**Accuracy**	: ±1 cm
Fixing	: G2" connection in 316L stainless steel, : Flange DN65 PN10/16 in 316L stainless : Others on request.	**Operating** **Max. pressure**	: 100°C max. : 10 bar (connector) : 6 bar (flange)
Guide tube	: 316L stainless steel	**Output**	: Ohmic, 2 or 3 wires. : 4/20 mA 2-wire
Float	: 316L stainless steel (Min. density ε 0.7)	**Dimensions**	: see Page 2/2

* We remain at your disposal for any further information.

Standard reference tables

Probe head		**Assembly Fixing**	**Pressure**	**Dimensions**	**Output**	**Reference**
Type	**IP**		Max.	See		
Housing Aluminium	55	Flange DN65 PN10/16 in 316LSS	6 bar	Diagram 1	Ohmic, 2 or 3 wires.	MF0780LSDN
					4/20 mA, 2 wires (1)	MF0780LSDN/A
		G2B connection in 316L SS	10 bar	Diagram 2	Ohmic, 2 or 3 wires.	MF0781LSBE
					4/20 mA, 2 wires (1)	MF0781LSBE/A
Socket Hirschmann	65	G2B connection in 316L SS	10 bar	Diagram 3	Ohmic, 2 or 3 wires.	MF0786LSBE

(1) See MF07E manual

Your choice of probe

• Determine your reference from the "**Standard References Table**" below.
• For the Ohmic output: 2 wires or 3 wires?
Define the Total length **L** (3000 mm maximum)

Subject to change without notice.

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Dimensions (in mm) & Wiring

DIAGRAM 1

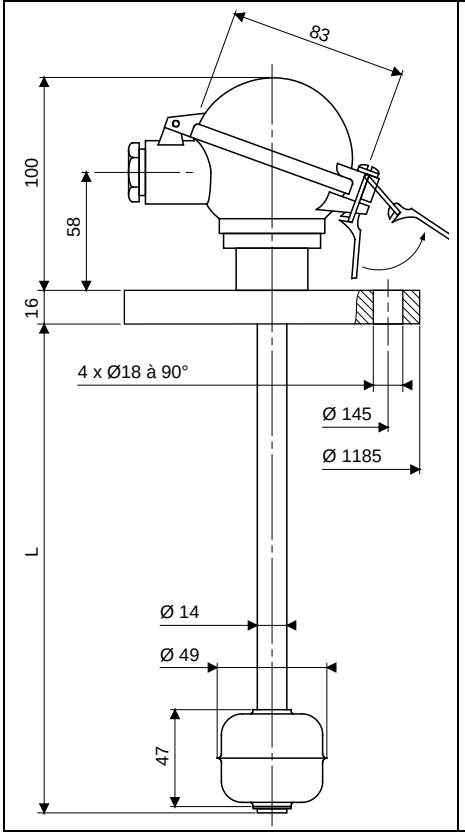


DIAGRAM 2

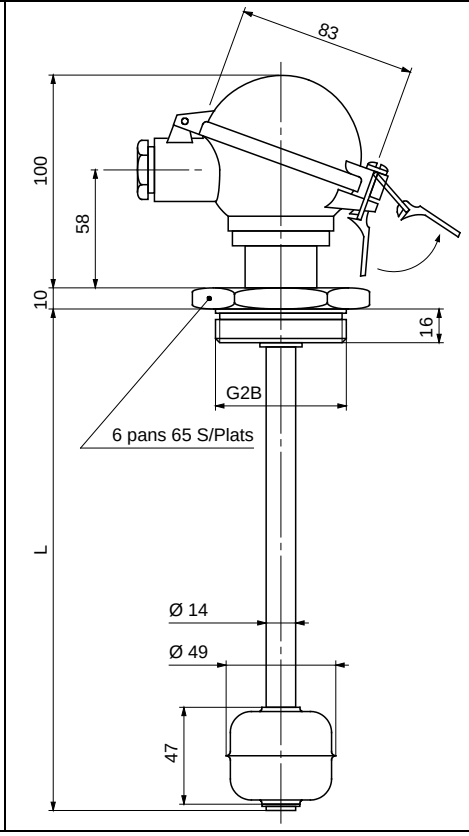
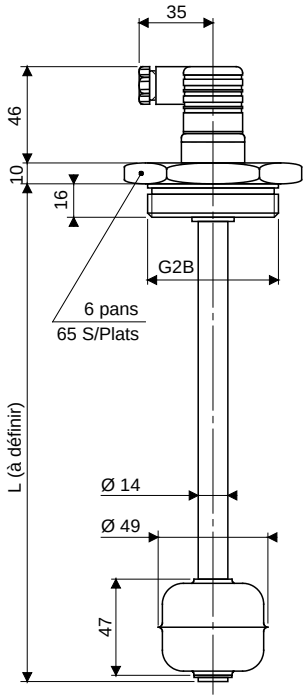
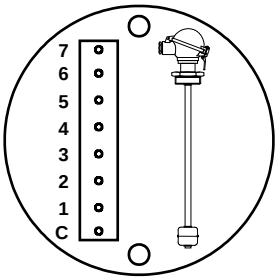
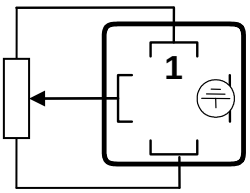


DIAGRAM 3



Diagram





	2-wire Ohmic output	3-wire Ohmic output
Terminal 1	to be connected	0%
Terminal 2	to be connected	100%
Terminal C	/	Cursor
Analogue output: See MF07E manual		

	Ohm. 2 wires	Ohm. 3-wire
Terminal 1	to be connected	0%
Terminal 2	to be connected	100%
Terminal 3	/	Cursor
No Analogue Output		

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