



F.IMSP1 Interface Module Flow Sensor – PLC

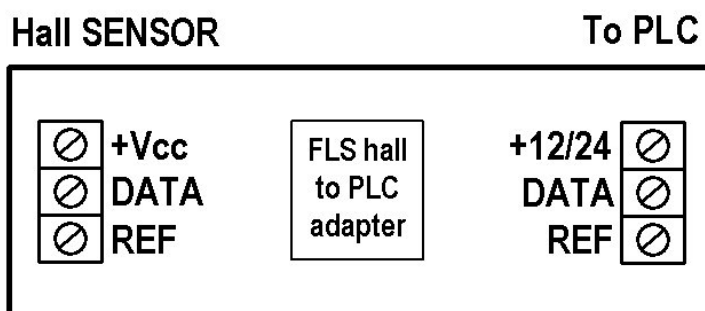
INSTRUCTION MANUAL

EN 03-05

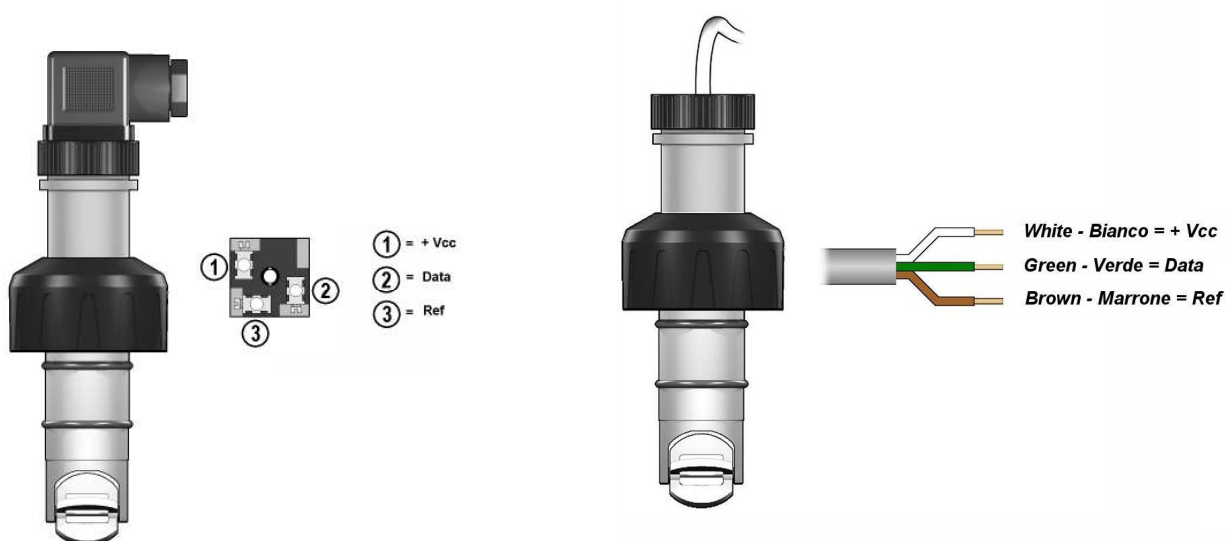
1. Description

The F.IMSP1 module is designed to make a safe connection between any kind of FLS Hall effect Flow Sensor and all PLC/Instruments digital inputs as well as to protect the sensor from almost any kind of electric or electromagnetic noises on the main power supply. The plastic and lightweight housing can be DIN rail mounted.

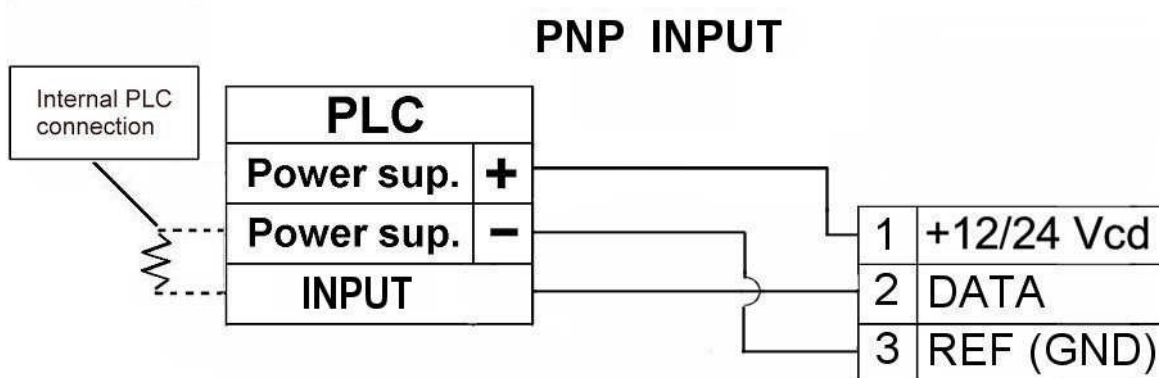
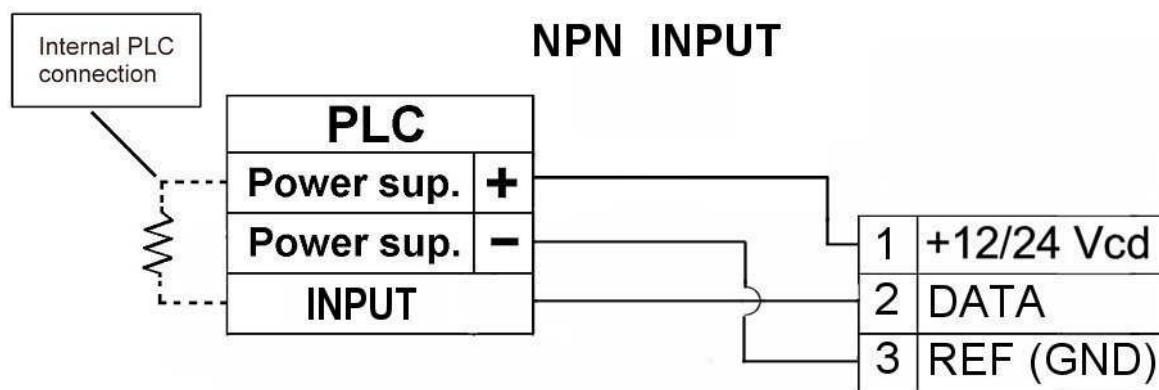
Electrical Connections



- Sensor (F 3.00.H.XX or F 3.00.F.XX) to Module Connection



- **Module to PLC Connection**



Technical Data:

Supply voltage : 12 to 24 Vdc regulated
 Supply current : $I_{Alim} = 11 \text{ mA} @ I_{Out} = 0$
 Output signal : square wave
 Output type : Push – Pull
 Output current : $I_{Out} \text{ Max} < 20 \text{ mA}$
 Mounting information : on DIN rail

Standard & Approvals:

Manufactured under ISO 9001
 CE

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