

LEVEL SENSOR - TRANSMITTER

MS9005 LC



TECHNICAL DESCRIPTION AND INSTRUCTION FOR USAGE

PLOVDIV 2005

I. DESCRIPTION

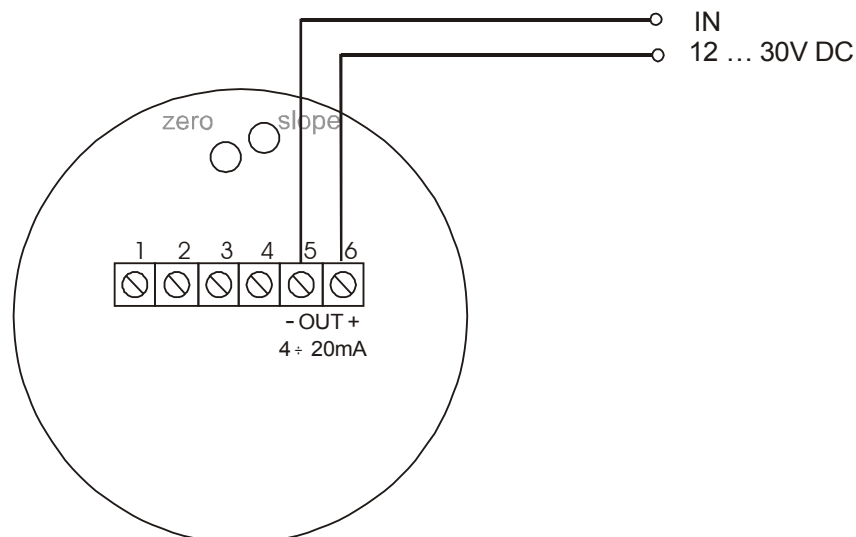
The capacitive level sensor-transmitter MS9005 LC of MICROSYST is designed for accurate level measurement in reservoirs with different types of liquids (conductive and low-conductive) – water, milk, wine, beer with relative dielectric permittivity > 2 .

MS9005 LC is suitable for putting in a set with systems for uninterrupted measurement or signalization when reaching limit values of controlled levels.

II. TECHNICAL DATA

Range	as it is ordered
Output signal	4 ... 20mA two-wire switching on
Accuracy of conversion	± 0.01 mA
Power supply	12 ÷ 30 V DC
Operating temperature of the converter	-40 ÷ 85 °C
Operating temperature of the operating part	-20 ÷ 150 °C
Length of the probe	as it is ordered, < 3000 mm
Diameter of the probe	max $\varnothing 15$ mm
Connection	as it is ordered
Weight	max 150 g

III. SCHEME OF SWITCHING ON OF THE TRANSMITTER



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