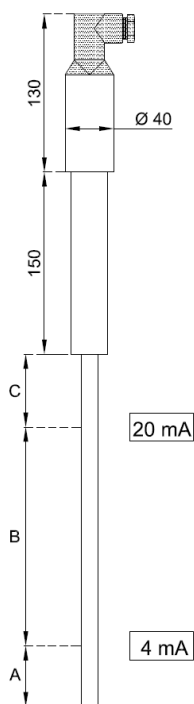
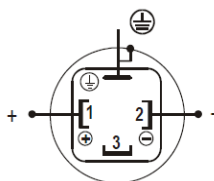


LEVEL TRANSMITTER



Connection diagram:



Technical data:

Code	DS LTM-MIU-X- ...
Contact type	Magnetostrictive
Measured process value	Liquid level, distance, volume
Tube material	Stainless steel 316 Ti
Measure A	50 mm (Standard) Other measures on request
Measure C	60 mm (Standard) 130 mm (High temperature)
Ambient temperature	-40 ... 70°C On request: execution for high temperature with thermal insulation
Output	Analogue: 4 ... 20 mA (Limit values: 3,9 ... 20,5 mA) Digital communication: HART® (minimum loop resistance: 250 Ω)
Error indication	Output signal = 22 mA or 3,8 mA
Output load	$R_t = (U_t - 12,5V) / 0,02 A$, U_t = Power supply voltage
Power supply	12,5 V - 36 V, 2 wires
Electrical protection	Class III
Ingress protection	IP 65
Electric connection	Electrical connector DIN 43650
Resolution (on HART® trasmitted value)	1 mm
Nonlinearity (on HART® trasmitted value)	± 2 mm or ± 0,085% F.S. whichever is greater
Hysteresis	± 0,25 mm
Temperature error	0,04 mm / 10°C (between -25°C ... 50°C)
Current output data	Resolution: 0,4 µA, Accuracy: 33 µA, Temperature error: 6 ppm/°C