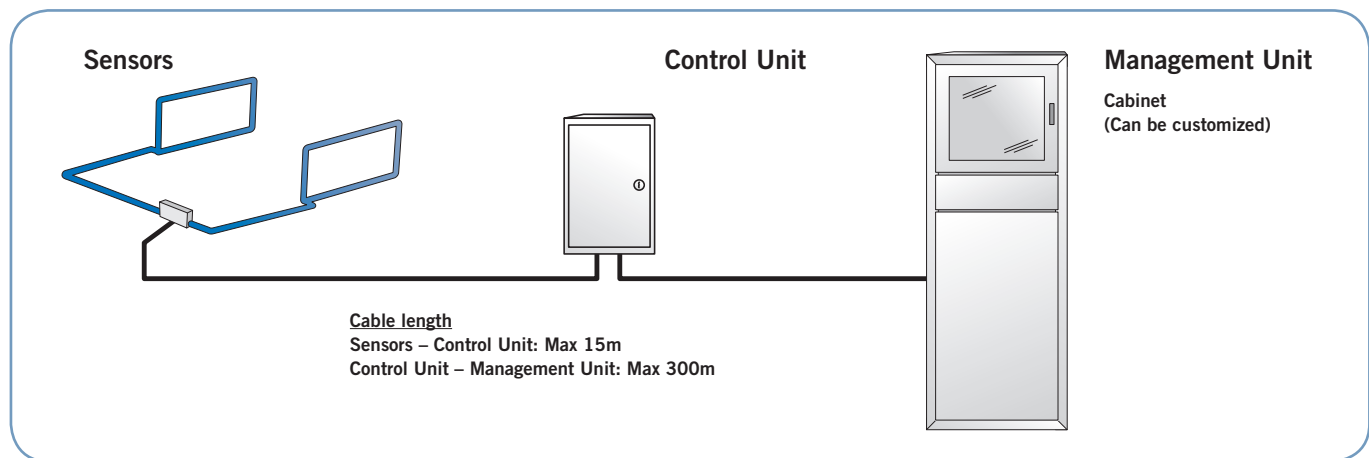


Technical Information

AGELLIS EMLI T

System Overview



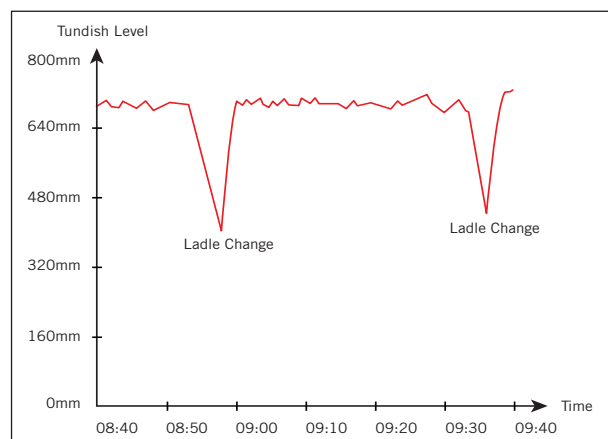
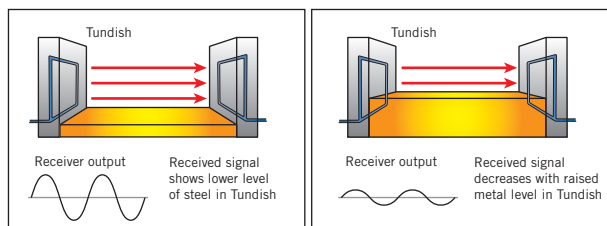
Technical Information

Power Supply:	90 - 230 VAC 50/60 Hz max 500 W
Frequency:	Normally 140 Hz
Sensitivity:	0,2%
Mounting specification:	Designed to endure the industrial environment mounted in a tundish
Cooling:	Sensor – no cooling required Main Electronics Unit – ambient temp. range up to +55°C
Safety standard:	Complies with known safety standards

Principles of Operation

A transmitter sensor is supplied with a current of a selected frequency that in turn induces a corresponding voltage of the same frequency in the receiver sensor by electromagnetic coupling.

As the metal in the tundish moves so the electromagnetic coupling changes the amplitude of the induced receiver sensor voltage. The calibrated signal output is linearised to denote the actual metal level in the tundish.



Agellis follows a policy of continual improvement of design and we must therefore reserve the right to supply equipment differing in detail from that described herein.

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