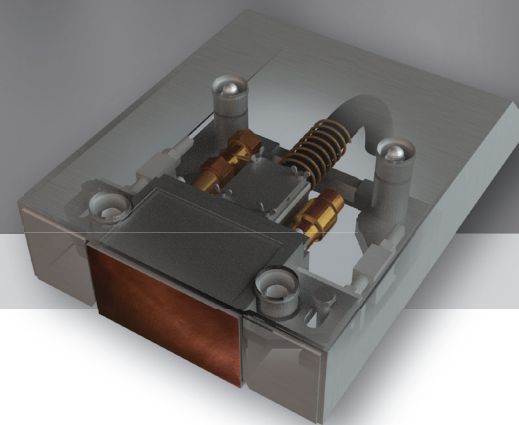


# XLEV-L

AVEMIS Eddy Current Mould Level Sensor (*Ledge Type*)



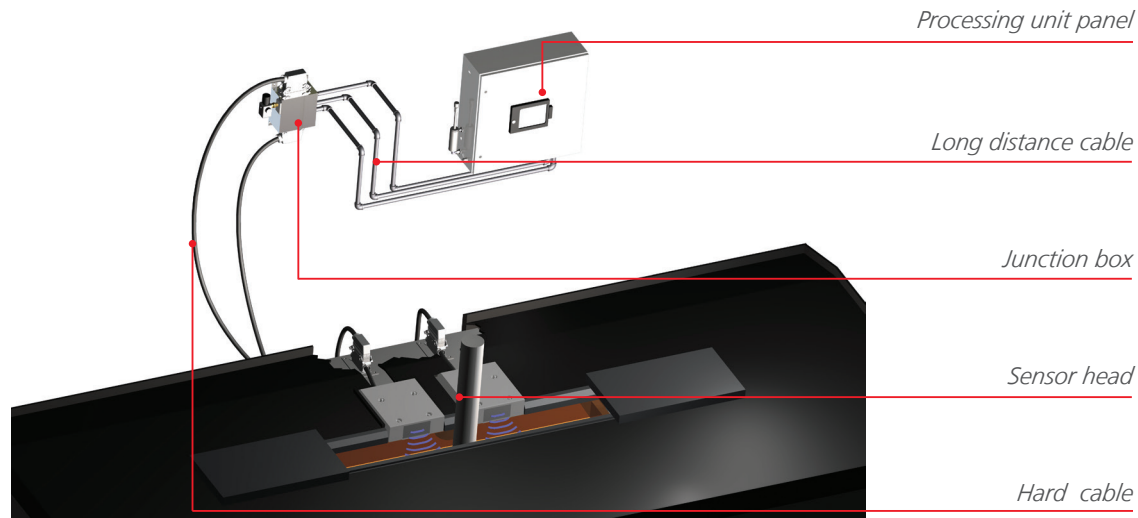
## Advanced eddy-current sensor for the best level control - Ledge type

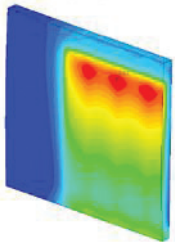
The AVEMIS XLEV-L ledge eddy-current mould level sensor provides accurate measurement and short response time for improved automatic level control performances.



### XLEV-L features

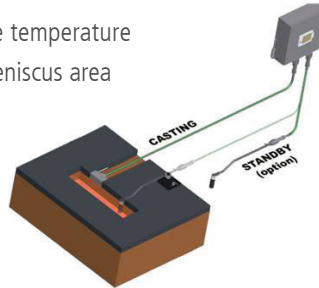
- Precise measurement of steel level without influence of casting powder
- "Safe technology" – No more health exposure through radioactive source
- Robust water cooled metallic body
- Fully digital signal processing with built-in Profibus DP - Ethernet/IP interface
- Dual-channel processing unit with possibility to combine different type of sensors
- Continued level measurement even during tube change operation
- Flexible location of processing unit panel with cable length up to 120 m without pre-amplifier and easy relocation of HMI
- Compatible with electromagnetic stirrers and brakes





### Thermocouple compensation

- Signal compensation based on copper plate temperature
- Compatible with Nickel coating up to the meniscus area
- Less than  $\pm 5\text{mm}$  long term drift even with electromagnetic stirrers and breaks



### Optional back-up sensor

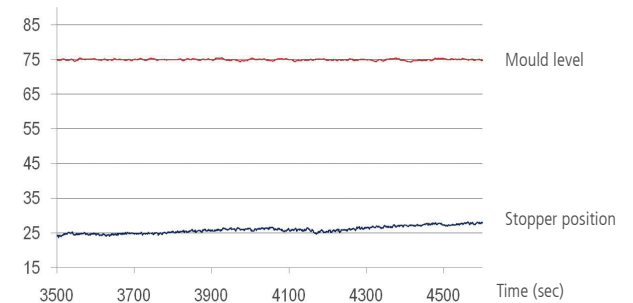
In case of a double channel processing unit, an additional suspended sensor with manual positioning can be used as back-up to offer a secured and safe solution.

### XLEV-L Modular sensor configuration

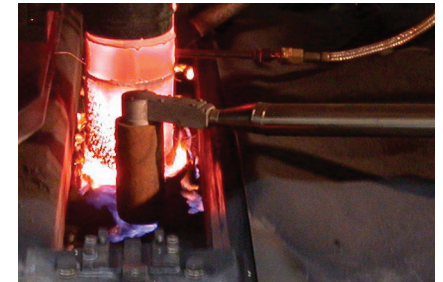
	<b>One sensor / One channel</b> Cost effective solution	
	<b>Dual sensors / One channel</b> Enlarged measuring area waves / Bias flow / Bubbles / Vortices filtering	
	<b>Two sensors / Two channels</b> Enlarged measuring area redundancy & reliability	

### Mould Level Control with XLEV-L

- Precise mould level
- Enhanced steel quality
- Reliable performance



### XLEV-S Suspended sensor



AVEMIS "Suspended type" level sensor is easy to install and does not require any adaptation, the "Suspended type" sensors is a cost efficient alternative.



For more information on this product and on our complete package of solutions please contact our local service center:

*R&D - Engineering Center:*

**AVEMIS SAS**

2, Hôtel d'entreprises  
ZI Grange-Eglise  
69590 Saint Symphorien / Coise  
France  
Tel: +33 472 81 88 52  
Fax: +33 488 10 05 37  
contact@avemis.fr  
www.avemis.fr

**VESUVIUS USA CORP.**

P.O. Box 4014  
1404 Newton Drive  
Champaign, IL 61822  
USA  
Tel: +1 217 351 5000  
Fax: +1 217 351 5031

**VESUVIUS ADVANCED CERAMICS (CHINA) CO., LTD**

221 Xing Ming Street  
China-Singapore Suzhou Industrial Park  
Suzhou 215021, JiangSu Province  
P.R. of China  
Tel.: +86 512 6741 2088  
Fax: +86 512 6741 1700

**VESUVIUS REFRATARIOS, LTDA**

Av. Brazil 49.550  
Distrito Industrial de Palmares  
CEP '23065-480-Campo Grande  
Rio de Janeiro , Brazil  
Tel: +55 21 2414 0606  
Fax: +55 21 2414 0648

**VESUVIUS INDIA LTD**

P 104, Taratolla Road  
700088 Calcutta, India  
Tel: +91 33 240 10 234  
Fax: +91 33 240 11 235

**VESUVIUS GROUP, S.A.**

Rue de Douvrain, 17  
7011 Ghlin, Belgium  
Tel: +32 65 400 810  
Fax +32 65 311 474  
gh@vesuvius.com

VESUVIUS reserves the right to modify and/or improve the equipment as described and specified in this leaflet, at any time according to the state-of-art.  
© copyright Vesuvius Group S.A. 2013-2015 all rights reserved. All product names in this brochure are trademarks or registered trademarks of Vesuvius plc group of companies.