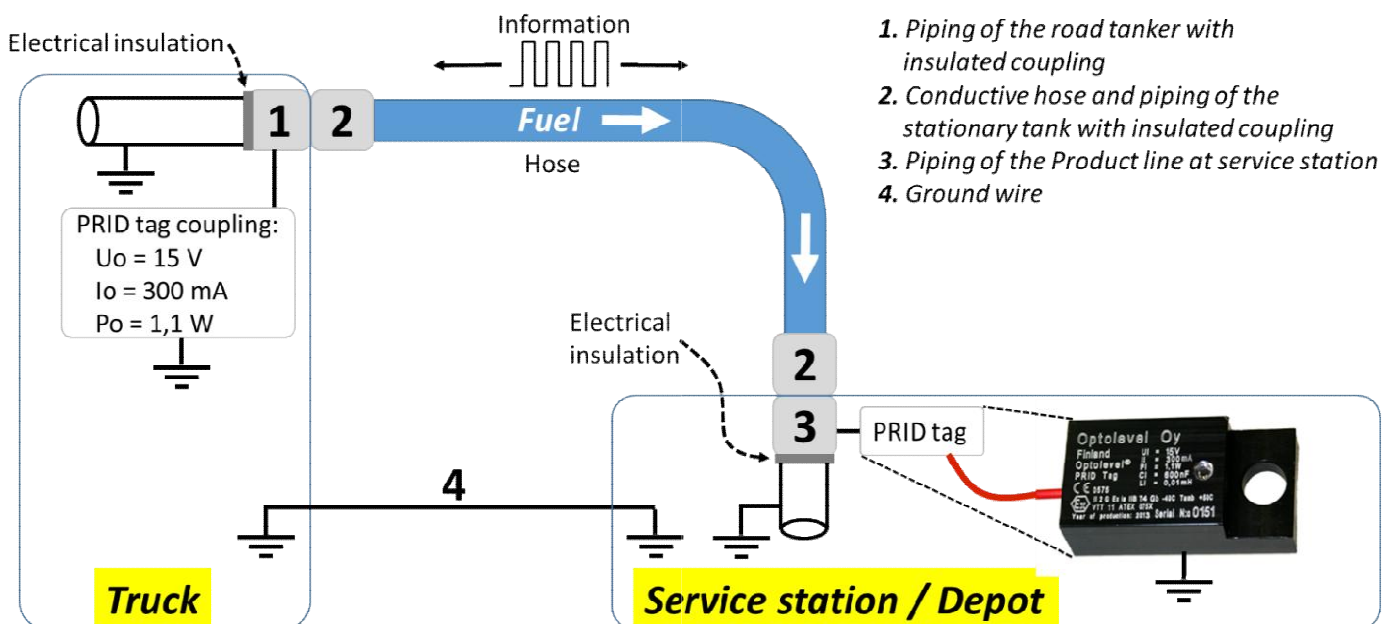


Optolevel® PRID Tag



Optolevel® PRID Tag is the digital data storage of the PRID system that holds the information of the installation location. It is designed to fulfil the minimum requirements of the European standard 14116:2012, but it will also introduce several new innovative features through custom additions to the standardized communication protocol. Data content and structure are fully customizable excluding the structure of Message 1 (this is the only message the structure of which has been the same during the lifetime of the standard 14116. In case the standard will be changed there is no need to buy new tags as is the case with many other manufacturers).

PRID Tags need to be installed at the service station and at the terminal's loading gantry in order to take full advantage of the Optolevel® PRID system. No extra cabling is required because the Optolevel® PRID-unit uses the conducting product hose to communicate with the PRID tag. The PRID Tag is powered with an intrinsically safe electric current through this communication line.



Technical Specifications

Enclosure	
Dimensions (H x W x D)	15 x 53 x 26 mm
Weight	46 g
Enclosure Material	Aluminium, sturdy small form factory housing. Inside electronics molded.
Electrical Specifications	
Electrical Connection Max.	U _i = 15 V DC I _i = 300 mA P _i = 1,1 W
Power Supply Nominal	24 V (min. 17 V)

Connections	
Data Storage	512 bytes
Reprogramming	Fast with custom two way communication
Design	Intrinsically safe
Ambient Conditions	
Operating Temperature	-40°C < T _a < 50°C
Relative Humidity	20 to 80 % (non-condensing)
Certificate	
ATEX	VTT 11 ATEX 075X II 2G Ex ia IIB T4 Gb

Ordering Information and Related Products

Product Code	Description
PRID Tag	Bottom-loading arm tag / underground storage tank tag
OFP Tag	Overfill prevention tag
PRID Tag Stud	PRID Tag grounding stud



Optolevel® is a registered trademark of Optolevel Oy.
Specifications are subject to change without notice.



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