



Germanischer Lloyd

# Type Approval Certificate

This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. **36 561 - 85 HH**

Company **FOXBORO ECKARDT GmbH**  
**Pragstraße 82**  
**70376 Stuttgart, GERMANY**

Product Description **PNEUMATIC TRANSMITTERS FOR LIQUID LEVEL, INTERFACE OR DENSITY, SERIES 167**

Type **167 LP-...[STANDARD TYPE] AND 167 LP-...+ECEP ET 0056 [FOR ADVERSE SERVICE CONDITIONS WHERE PULSATION OR VIBRATION EXIST]**

Environmental Category **None**

Technical Data /  
Range of Application **TECHNICAL DATA**

Buoyancy Force	3 to 15 [N]
Density Ranges	100 to 1600 [Kg/m <sup>3</sup> ]
Standard Lengths of	350 to 3000 [mm]
Displacer Elements	14 to 120 [inches]
Nominal Pressure	PN 40 / 63 / 100 / 160 / 250
ANSI Class	150 / 300 / 600 / 900 / 1500
Output	0.2 to 1 [bar], 0.3 to 15 [psi]

#### RANGE OF APPLICATION

The above mentioned transmitters may be used for storage and service tanks as well as for cargo tanks on ships classed with Germanischer Lloyd.

The installation of the devices is to be carried out in accord. with the instructions of the manufacturer and under consideration of the current Rules of GL.

Test Standard **• Regulations for the Performance of Type Tests, Part 6 - Test Requirements for Mechanical Components and Equipment.**

Documents **• Test Report dated 10.05.1985**  
**• Function Description**  
**• Installation and Maintenance Requirements of the Manufacturer**  
**• Data Sheets and Drawings**

Remarks **None**

Valid until **2012-05-22**

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Type Approval Symbol



File No. **II.B.04**

Hamburg, **2007-04-02**

**Germanischer Lloyd**

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