

## Functions & Introduction

**Functions:** see our **NR Manual** - Conductive Level Detection.

A conductive probe is associated with a level sensor: see Manuals **DR50, DR52, DR53, DR54** and **R7H**.

Your choice of probe depends on the features of the installation: temperature, pressure, type of fastening, length of the electrodes, etc. ...

These are mounted vertically, i.e. on the top of the tank. The length of the electrodes is to be stipulated in the order, but it can be adjusted on site: It is equal to the distance between the fixing point and the level to be checked (see dimensions). For further information we remain at your disposal.

## Multiple electrode probes: Cables or Rigid Rods

Type	A11 FEB _ _ _	A11 FEPH _ _ _	A11 FLB _ _ _	A11 FLPH _ _ _
Number & Type electrode(s)	1 Rigid 1 6 G	1 Rigid 1 6 G	1 cable 1 3 G	1 cable 1 3 G
	2 Rigid 2 6 G	2 Rigid 2 6 G	2 cables 2 3 G	2 cables 2 3 G
	3 Rigid 3 6 G	3 Rigid 3 6 G	3 cables 3 3 G	3 cables 3 3 G
	4 Rigid 4 6 G	4 Rigid 4 6 G	4 cables 4 3 G	4 cables 4 3 G
	5 Rigid 5 6 G		5 cables 5 3 G	
Length	max. 2 m	max. 2 m	not limited	not limited
Probe head	Polyamide housing A208	Hirschmann socket	Polyamide housing A208	Hirschmann socket
Protection	IP55 <sup>(1)</sup>	IP65	IP55 <sup>(1)</sup>	IP65
Fixing	G1B connection Polyamide A208	G1B connection Polyamide A208	G1B connection Polyamide A208	G1B connection Polyamide A208
Sensitive part	316L stainless steel	316L stainless steel	316L SS counterweight	316L SS counterweight
Insulator	Sheath RNF-100	Sheath RNF-100	Transparent PVC	Transparent PVC
Pressure	16 bars (max.)	16 bars (max.)	16 bars (max.)	16 bars (max.)
Temperature	max. 80°C	max. 80°C	max. 80°C	max. 80°C
Dimensions				

(1) IP 65 supplement: Casing filled with resin. Specify the length of "Cable connection" desired.

## Mounting accessories

Item code	Description	Dimensions
215 104	G1H POLYAMIDE nut	See NR Instructions, page 2/2.
215 106	Stainless steel mounting	See NR Instructions, page 2/2.

Subject to change without notice.

# Conductive Level Probes

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Multiple electrode probes: For temperature to 230°C max.

Type	A11 FH _	A11 FJ _	A11 FRX _
Number & Type electrode(s)	1 Rigid <b>1</b> 2 Rigid <b>2</b> 3 Rigid <b>3</b> 4 Rigid <b>4</b>	1 Rigid <b>1</b> 2 Rigid <b>2</b> 3 Rigid <b>3</b> 4 Rigid <b>4</b>	1 Rigid <b>1</b> 2 Rigid <b>2</b> 3 Rigid <b>3</b> 4 Rigid <b>4</b>
Length	max. 2 m	max. 2 m	max. 2 m
Connection	Aluminium housing	Aluminium housing	Aluminium housing
Protection	IP55 <sup>(1)</sup>	IP55 <sup>(1)</sup>	IP55 <sup>(1)</sup>
Fixing	Flange DN65 PN16 Bichromated galvanized steel	Flange DN65 PN16 316 L stainless steel	G2 connection 316 L stainless steel
Sensitive part	316 L stainless steel	316 L stainless steel	316 L stainless steel
Insulator	PTFE	PTFE	PTFE
Pressure	16 bars (max.)	16 bars (max.)	40 bars (max.)
Temperature	max. 230°C	max. 230°C	max. 230°C
Dimensions			

(1) IP 65 supplement: Casing filled with resin. Specify the length of "Cable connection" desired.

When ordering, please specify:

- The TYPE of probe
- The number of rod(s)
- The length of each rod

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