

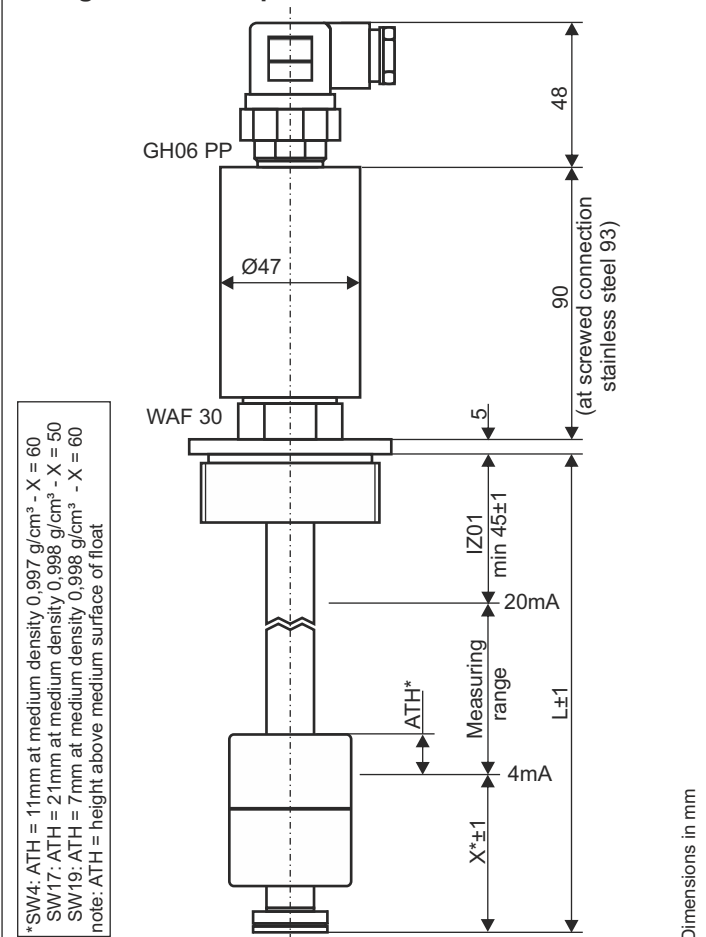
Data sheet

Magnetostrictive level measurement

Type: NAMW- 40...

Continuous level measurement / level recognition of fluids.
Based on position specification by a magnetic float and a sensor according to the magnetostrictive system.

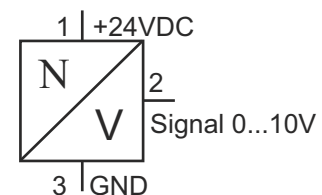
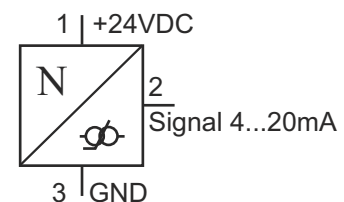
Configuration example



- Resolution 0.1mm
- Linearity <±0.03% FS
- Repeatability < ±0.001% FS
- Simple installation and initiation
- Analogue signal optional 0...10V or 4...20mA

Further types for simultaneous measurement of level and temperature are available.
Please contact us.

Terminal diagram



Technical data

Housing (GHxx):	ø47x78mm, material PP ø47x78mm, material alu or stainless steel
Connection (ASxx):	plug-type connector M12x1 4-pole, material TPU right-angled connector 3-pole + PE DIN EN 175301-803 (DIN 43650), material PA
Mounting (BExx):	thread 1½" and 2", material PP thread 1½" and 2", material PVDF thread 1½" and 2", material stainless steel
Tube (RHxx):	round flange ø120mm, PCD 100mm, 4x D8mm, material alu, seal material NBR ø16mm material PP or PVDF ø12mm material stainless steel
Float (SWxx):	ø41x50mm, material PP, type S17 ø41x50mm, material PVDF, type S19 ø45x52mm, material stainless steel, type S4
Resolution:	0.1mm
Function:	analogue level transmitter, magnetostrictive
Signal output (Slxx):	4...20mA or 0...10V
Power supply:	24VDC ±15%, reverse polarity protected
Pressure:	max. 1 bar
Operating temperature:	material PP: -20°C to 75°C in medium, -20°C to 70°C above mounting material PVDF: -20°C to 75°C in medium, -20°C to 70°C above mounting material stainless steel: -20°C to 75°C in medium, -20°C to 70°C above mounting
Protection rating:	IP 65

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Magnetostrictive level measurement

Type: NAMW- 40...

Order key

NAMW-40.GHxx.ASxx.BExx.RHxx=xxxx.IZ01=xxx.SWxx.Slxx

Type NAMW-40			
Housing (GHxx) material PP GH06  material alu GH07  material stainless steel GH08 			
Connection (ASxx)  Plug-type connector M12 4-pole AS01  Plug-type connector 3-pol + protective conductor AS08			
Mounting (BExx)  thread stainless steel 1½" BE36 ; 2" BE38  thread PP 1½" BE26 ; 2" BE09  thread PVDF 1½" BE28 ; 2" BE11  flange alu ø120mm PCD100mm BE41			
Tube (RHxx)  stainless steel tube ø12mm RH09  PP-tube ø16mm RH06  PVDF-tube ø16mm RH08			
Total length (L) in mm acc. to customer specification see drawing page 1			
		Function output (Slxx) Analogue output 0..10V SI01 Analogue output 4..20mA SI02	
		Float (SWxx)  Stainless steel ø45x50mm SW04  PP ø41x50mm SW17  PVDF ø41x50mm SW19	
		Inactive zone (IZ01) in mm acc. to customer specification see drawing page 1	

Subject to change