



## Boia de nível magnética 207KS

A Bóia de Nível Magnética 207KS montada com dobradiça mecânica é ideal para uso em aplicações que requerem monitoramento confiável em fluxos volumosos. Está disponível em duas opções de montagem diferentes, portanto é mais flexível e se adapta a vários tipos de uso, como por exemplo o monitoramento de nível em recipientes de tratamento de água, equipamentos móbil, controle de processos industriais e construção civil. A Bóia de Nível pode ser montada com borracha de compressão, o que permite que seja instalada também do lado de fora. Rotacionando o sensor é possível reverter o sentido de acionamento do sensor, se tornando uma solução altamente flexível e econômica.

### Especificação Técnica

- Sensor de nível baseado em sensores magnéticos (reed)
- Dobradiça mecânica para aplicação em elevado fluxo de líquidos
- Material: PP ou PA12
- Montagem: rosca NPT ou borracha de compressão
- Conexões disponíveis: tomada, conector M12 e cabo pigtail
- Tipo de contato: NA, NF ou changeover
- Temperatura de trabalho de -25 °C até +105 °C
- Tensão máx. 250V
- Classe de proteção IP67

Desenho técnico

IMAGE 1/12

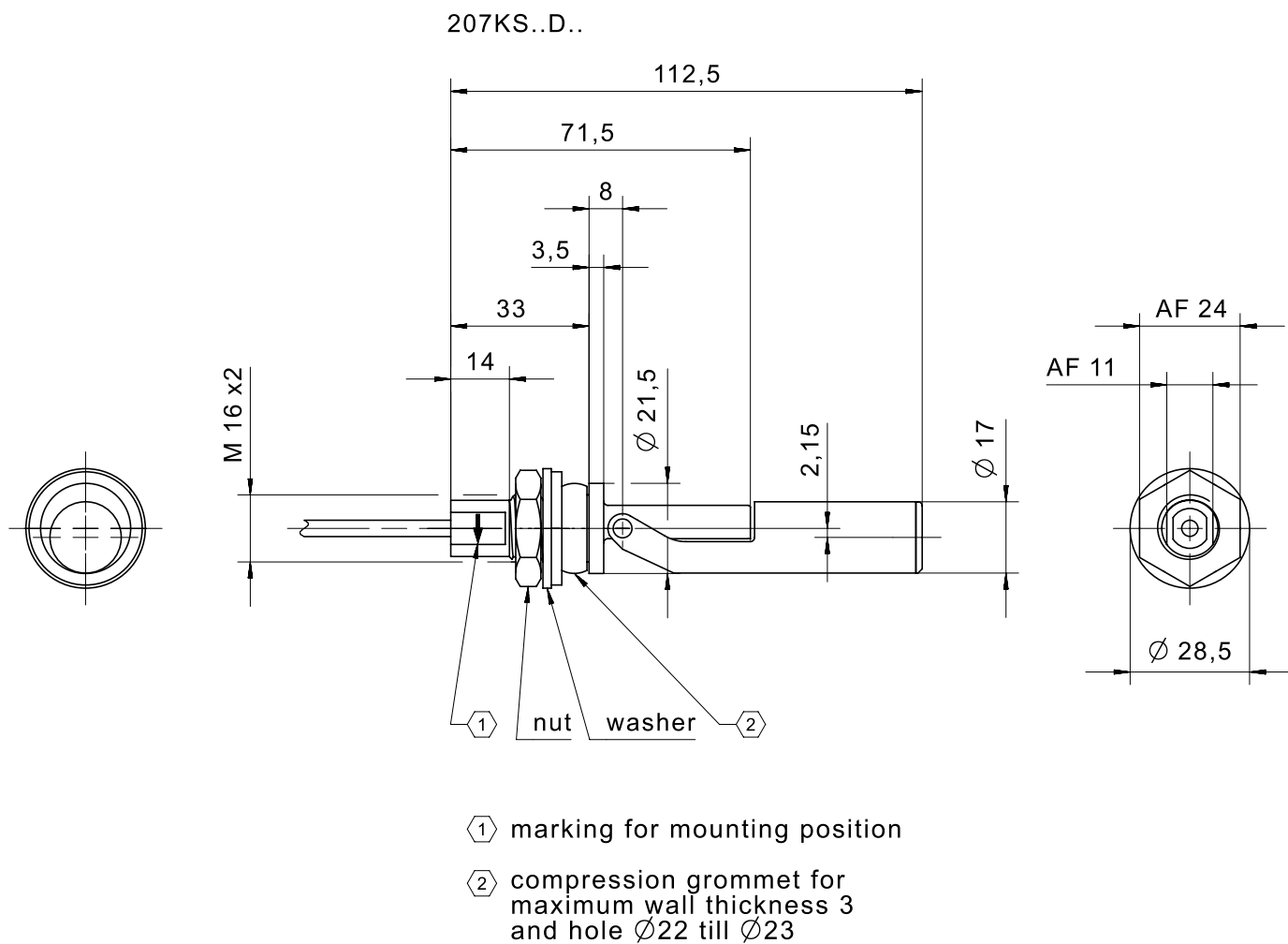


IMAGE 2/12

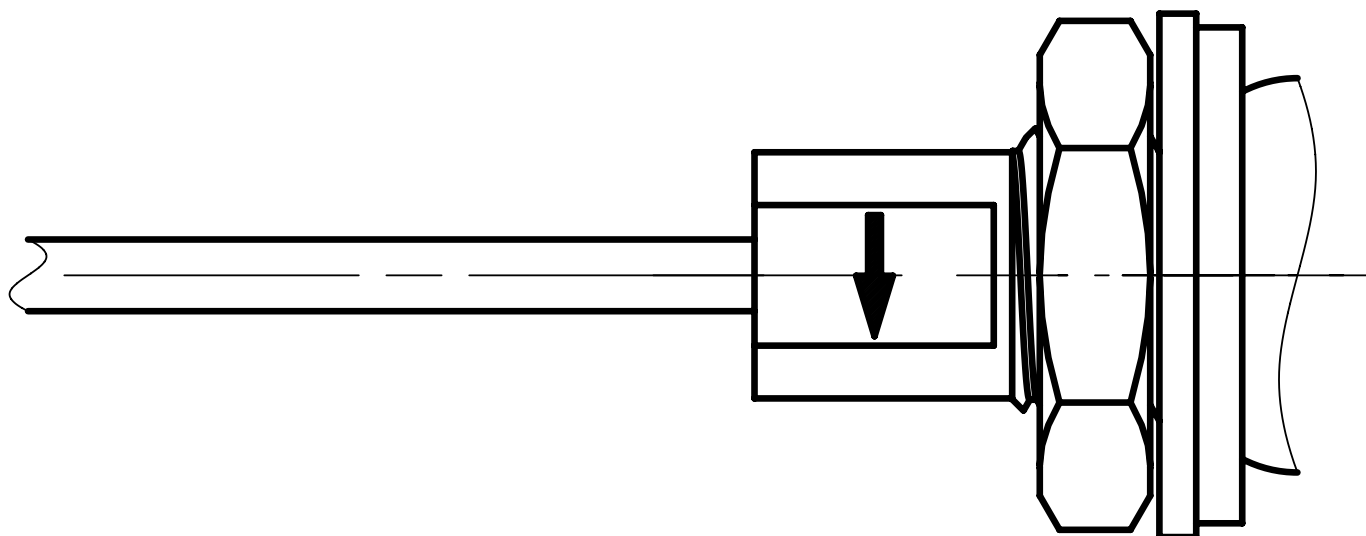
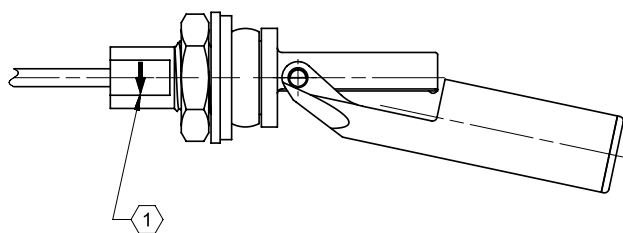


IMAGE 3/12

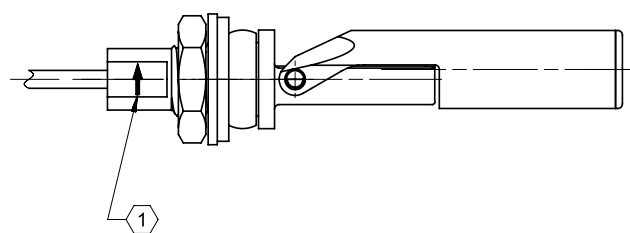


207KS0.D.....  
207KS1.D.....

BN ———— WH

207KS2.D.....

BN ———— GN  
              WH



207KS0.D.....  
207KS1.D.....

BN ———— WH

207KS2.D.....

BN ———— GN  
              WH

IMAGE 4/12

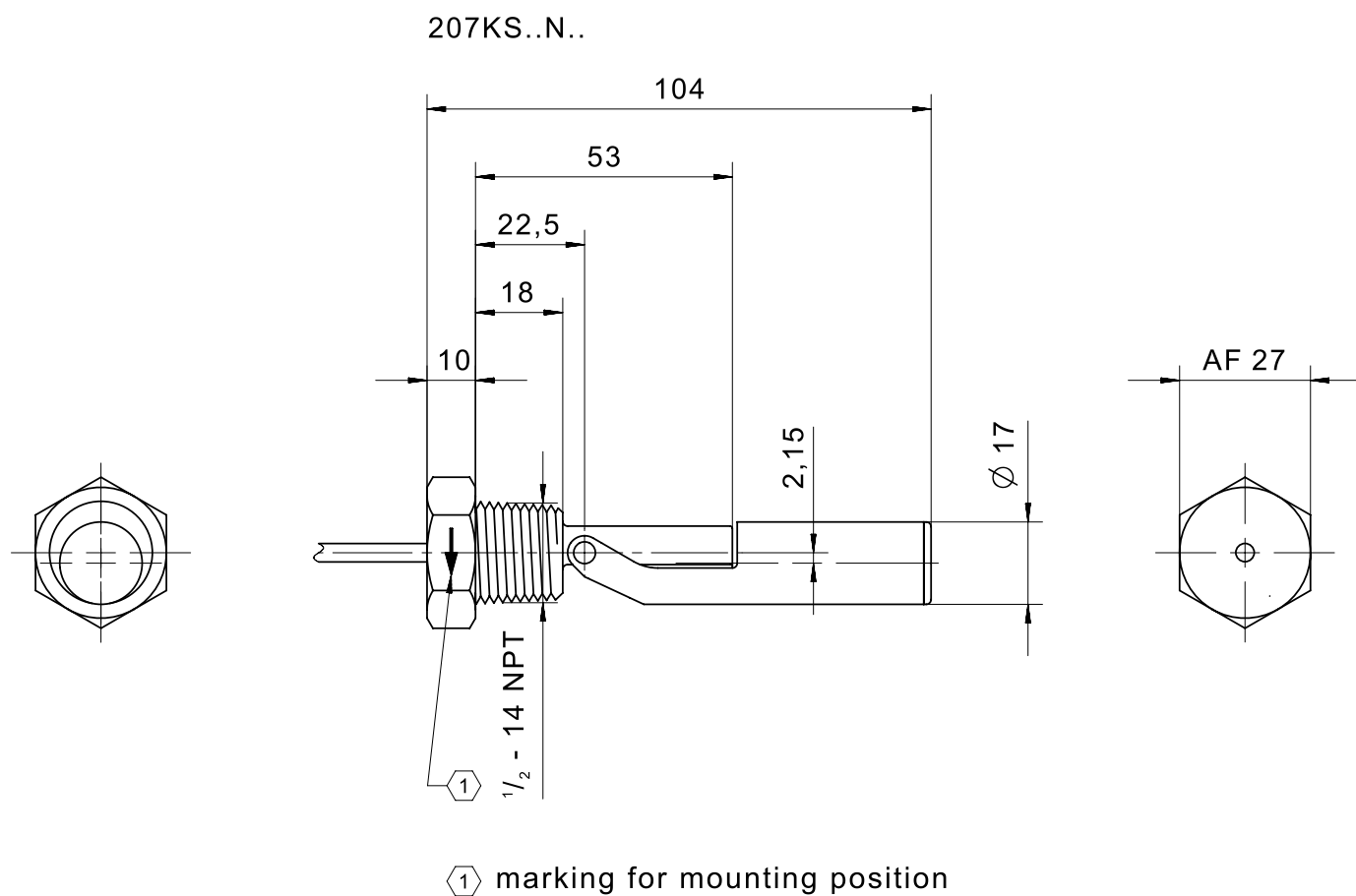


IMAGE 5/12

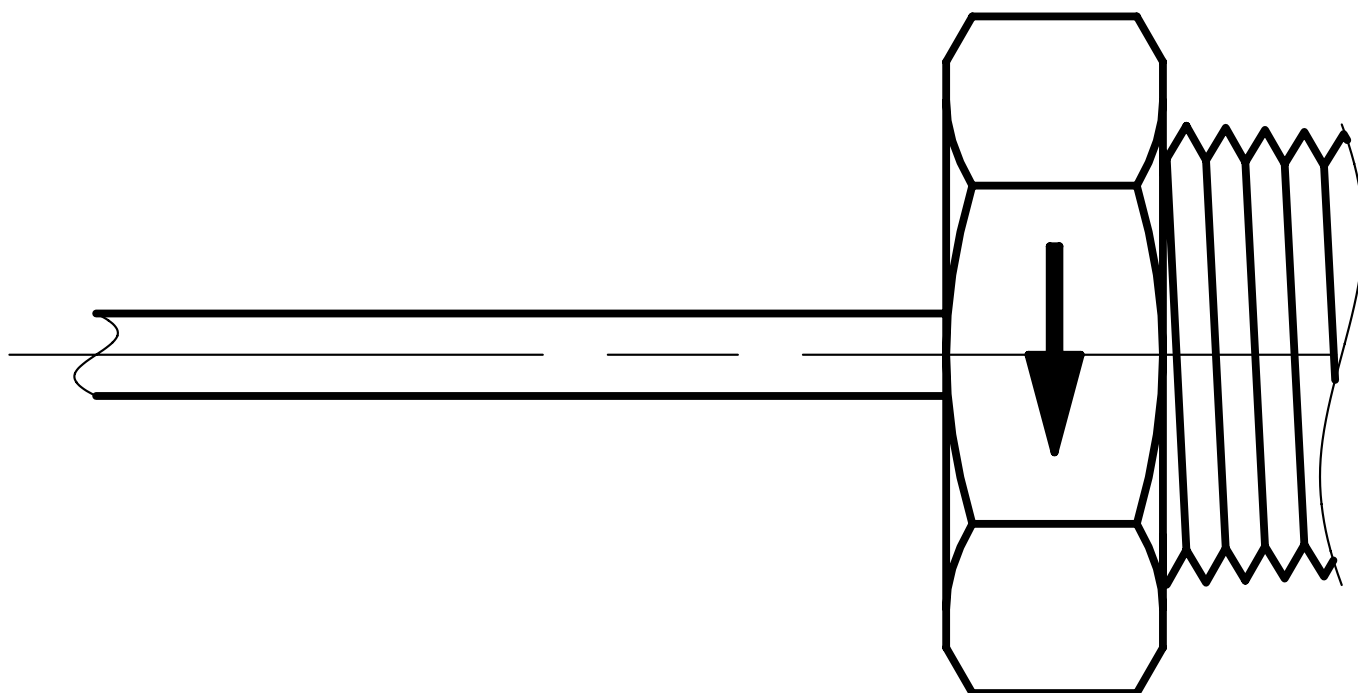
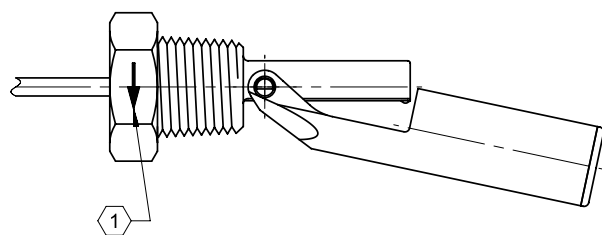


IMAGE 6/12

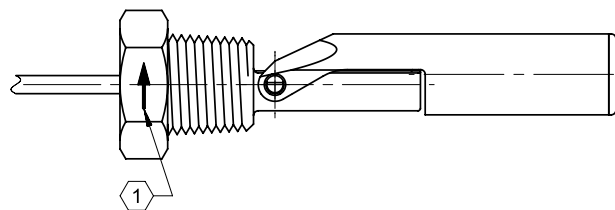


207KS0.N..  
207KS1.N..

BN ——— WH

207KS2.N..

BN ——— GN  
                    WH



207KS0.N..  
207KS1.N..

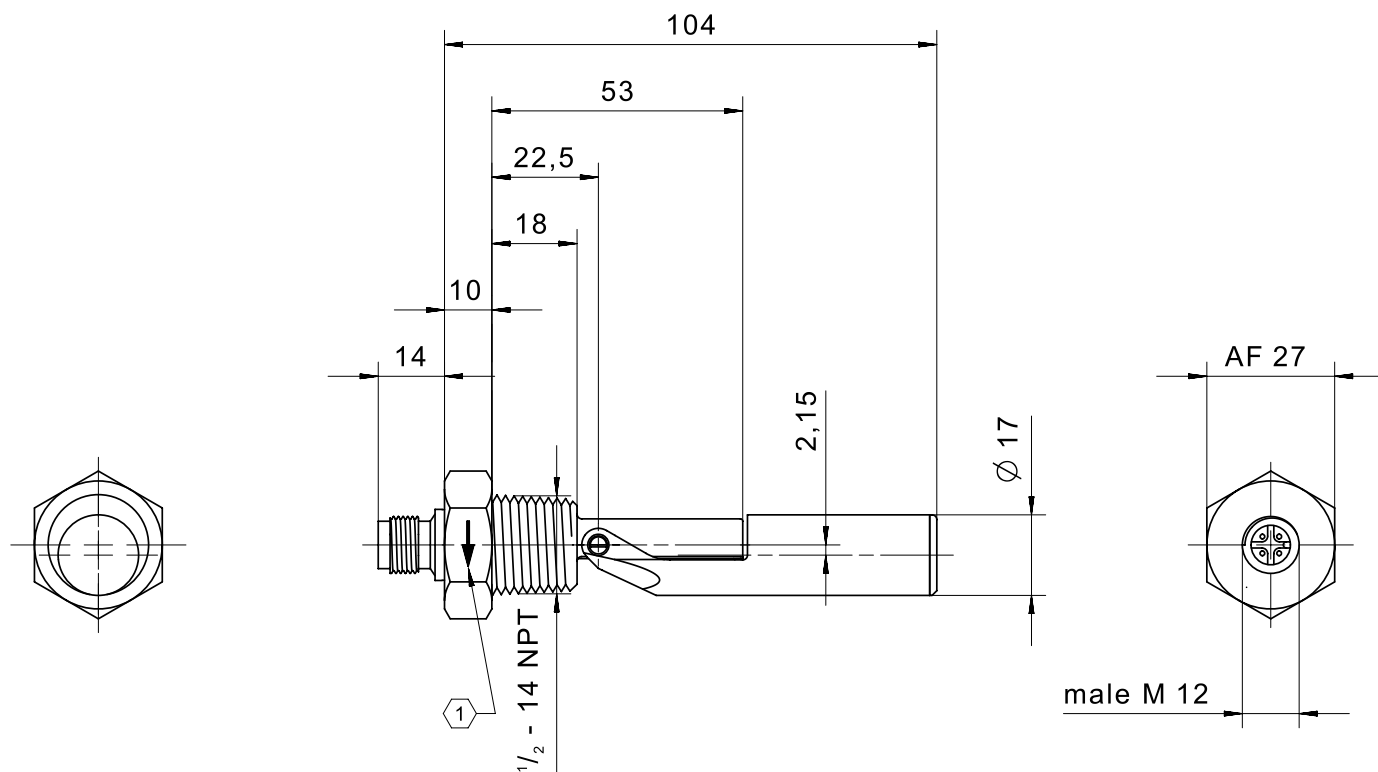
BN ——— WH

207KS2.N..

BN ——— GN  
                    WH

IMAGE 7/12

207KS14N05



① marking for mounting position

IMAGE 8/12

# male M12

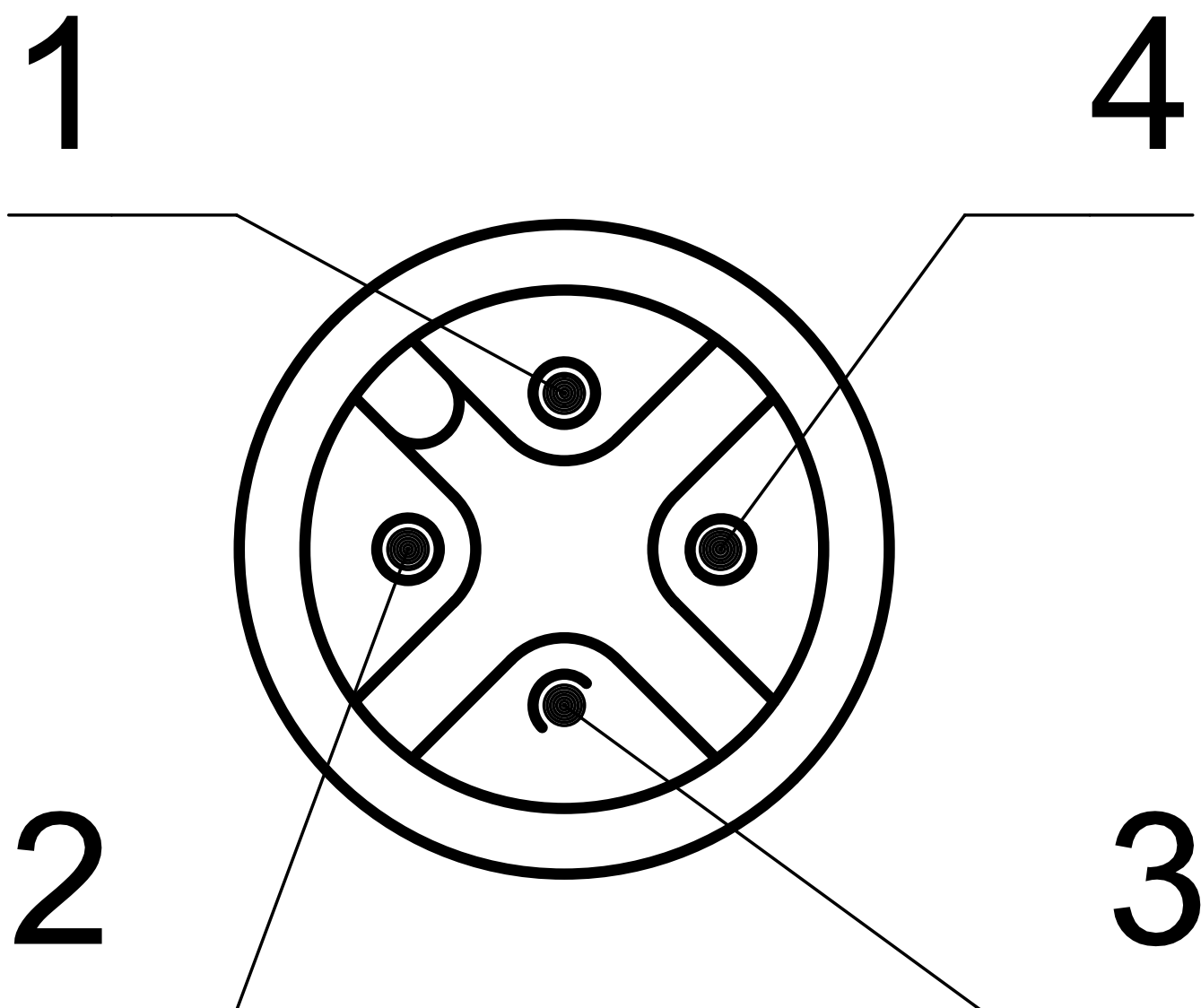
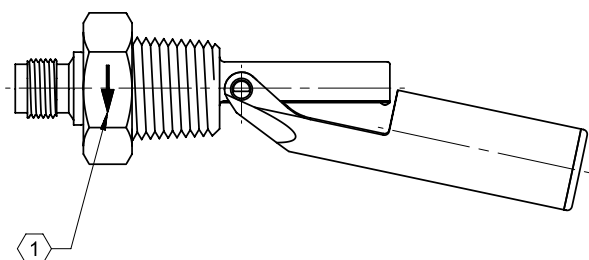
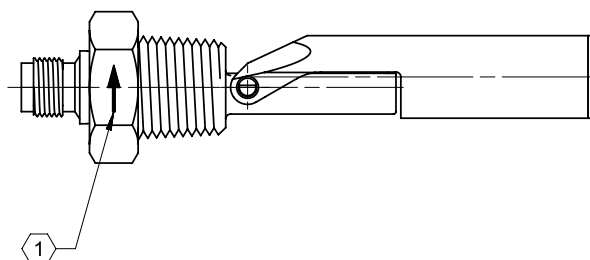
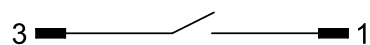


IMAGE 9/12



207KS14N05



207KS14N05

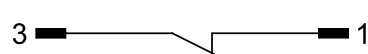
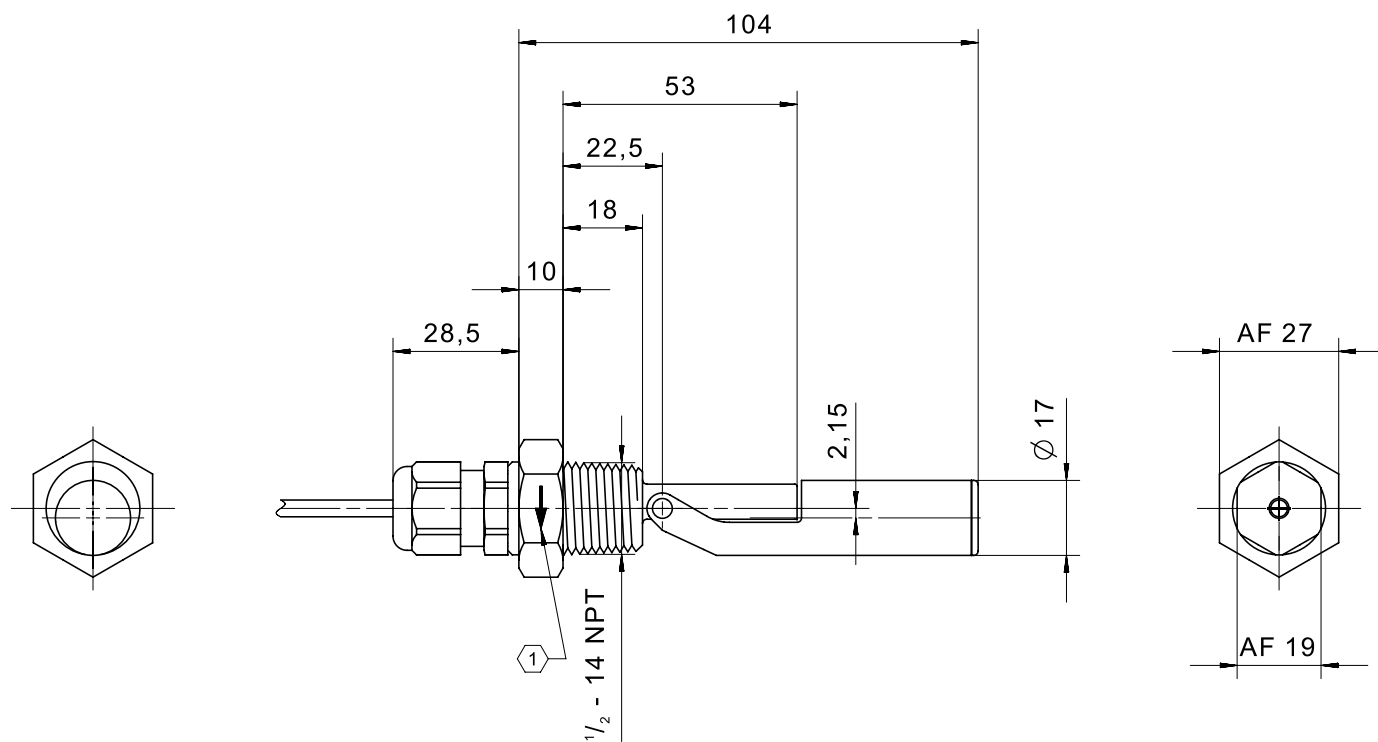


IMAGE 10/12

207KS..M..




 marking for mounting position

IMAGE 11/12

# cable gland PA

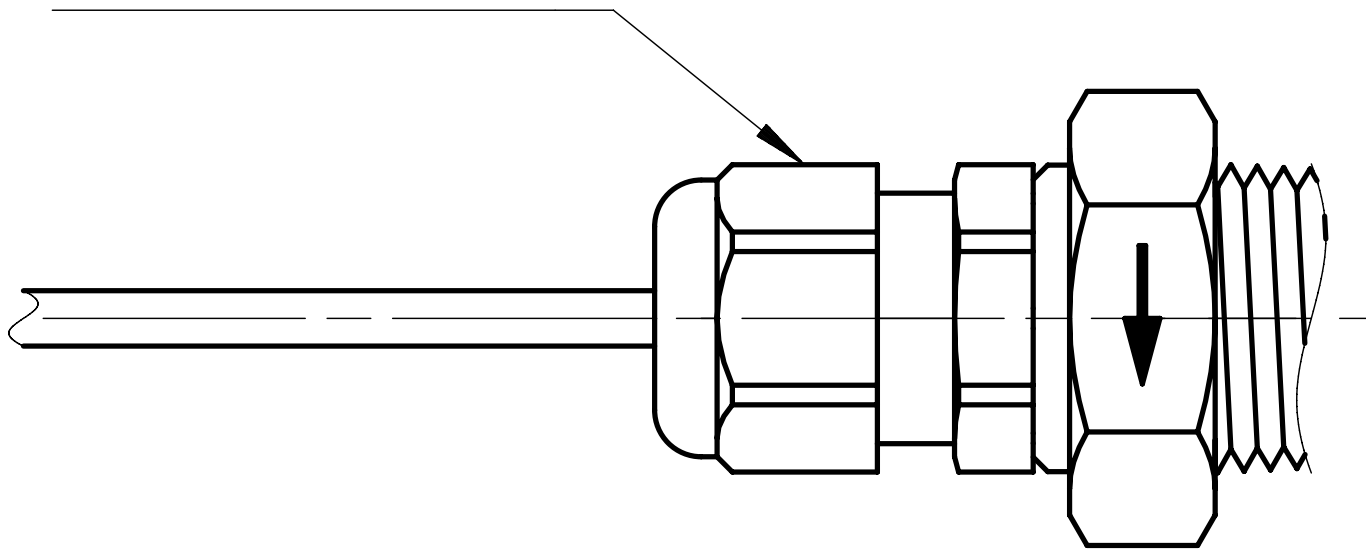
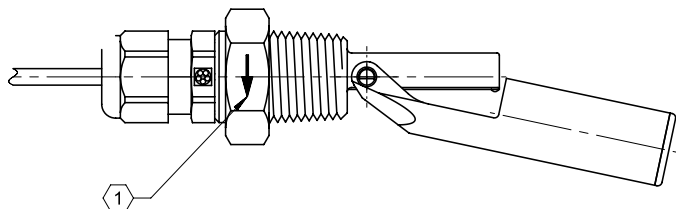


IMAGE 12/12

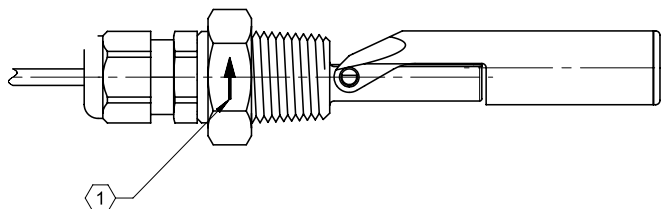


207KS0.M..  
207KS1.M..

BN ———— WH

207KS2.M..

BN ———— GN  
BN ———— WH



207KS0.M..  
207KS1.M..

BN ———— WH

207KS2.M..

BN ———— GN  
BN ———— WH



## Product options

IMAGE 1/1

### ORDERING KEY

207KS					Float switch side mount, mechanical hinge
					<b>Contact form</b>
	1				N.O./N.C. max. 250V
	2				C.O. max. 48V
					<b>Housing material</b>
		2			PP
		4			PA12
					<b>Connections</b>
			D		Connection thread M16x2, cable connection 1m, compression grommet
			M		Connection thread NPT 1/2, cable connection 1m, IP68
			N		Connection thread NPT 1/2, cable connection 1m
					<b>Other cable lengths*</b>
				-3	Cable length 3m
				-5	Cable length 5m
				-10	Cable length 10m
<b>Variant:</b>					
207KS14N05					Connection thread NPT 1/2, M12 connector, material PA12, N.O./N.C.
207KS24N02					Connection thread NPT 1/2, M12 connector, material PA12, C.O.

#### Optional

More materials for housings, compression grommets, cable sheathing on request

## Características do artigo

Attribute	207KS12D	207KS12N	207KS14D	207KS14N	207KS14N05	207KS22D ▶
Max. switching voltage	250 V DC					48 V DC
Max. switching voltage	250 V AC					48 V AC
Max. switching current	1 A					0.25 A
Max. switching power	50 W					3 W
Contact form	1A or 1B					1C
Output signal	digital					
Technology	Reed					
Float diameter	17 mm					
Version	Mechanical hinge					
Housing material	PP		PA12			PP
Float material	PP		PA12			PP
Cable material	PVC				-	PVC
Operating temperature min.	-25 °C					
Max. operating temperature	105 °C					
Pressure resistance	3 bar					
Protection class outside container	IP67 DIN EN 60529					
Protection class inside container	IP68 DIN EN 60529					
Mounting type	Compression grommet	Thread	Compression grommet	Thread	Compression grommet	
Thread	-	G 1/2 - 14NPT	-	G 1/2 - 14NPT	-	
Installation opening	D22-23	G 1/2 - 14NPT	D22-23	G 1/2 - 14NPT	D22-23	
Connector type	-				M12	-
Cable length	1 m				-	1 m

Attribute	207KS22N	207KS24D	207KS24N	ED207KS12D	ED207KS12N	ED207KS14D ▶
Max. switching voltage	48 V DC			-		
Max. switching voltage	48 V AC			-		
Max. switching current	0.25 A			-		
Max. switching power	3 W			-		
Contact form	1C			-		
Output signal	digital			-		
Technology	Reed			-		
Float diameter	17 mm			-		
Version	Mechanical hinge			-		
Housing material	PP	PA12		-		
Float material	PP	PA12		-		
Cable material	PVC			-		
Operating temperature min.	-25 °C			-		
Max. operating temperature	105 °C			-		
Pressure resistance	3 bar			-		
Protection class outside container	IP67 DIN EN 60529			-		
Protection class inside container	IP68 DIN EN 60529			-		
Mounting type	Thread	Compression grommet	Thread	-		
Thread	G 1/2 - 14NPT	-	G 1/2 - 14NPT	-		
Installation opening	G 1/2 - 14NPT	D22-23	G 1/2 - 14NPT	-		
Connector type	-			-		
Cable length	1 m			-		

Attribute	ED207KS14N	ED207KS14N05	ED207KS22D	ED207KS22N	ED207KS24D	ED207KS24N
Max. switching voltage			-			
Max. switching voltage			-			
Max. switching current			-			
Max. switching power			-			
Contact form			-			
Output signal			-			
Technology			-			
Float diameter			-			
Version			-			
Housing material			-			
Float material			-			
Cable material			-			
Operating temperature min.			-			
Max. operating temperature			-			
Pressure resistance			-			
Protection class outside container			-			
Protection class inside container			-			
Mounting type			-			
Thread			-			
Installation opening			-			
Connector type			-			
Cable length			-			