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Float switch 204KS

The float switch side mount 204KS is extremely compact and has two different mounting options, making it ideal for use in a range of applications and industries, eg the detection of fluid levels in water treatment containers, mechanical engineering and plant construction. The float switch also has a specially designed compression grommet which allows it to be installed from the outside. The switching function is reversible by simply rotating the float switch, making this a highly flexible and cost-effective solution.

Product characteristics

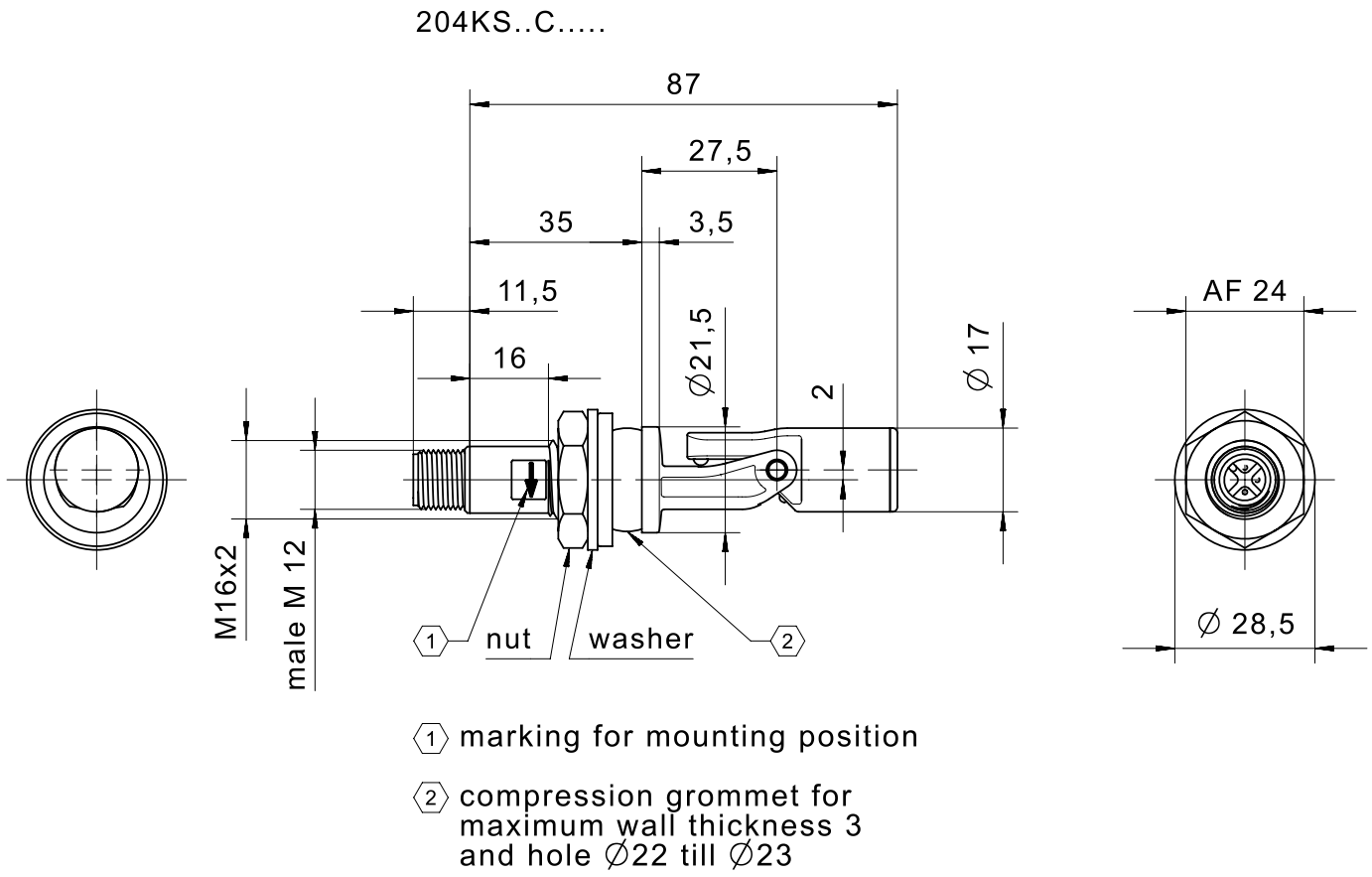
- Level measurement on reed-contact basis
- Extremely compact design
- Mechanical hinge allows use in powerful flows
- Material: PP or PA12
- Mounting options: G 1/2" thread or compression grommet
- Available connection types: cable outlet, M12 connector or pigtail
- Contact form: N.O, N.C or changeover
- Temperature range from -25 °C to +105 °C
- Switching voltage up to max. 250V
- IP67 protection class

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Technical drawing

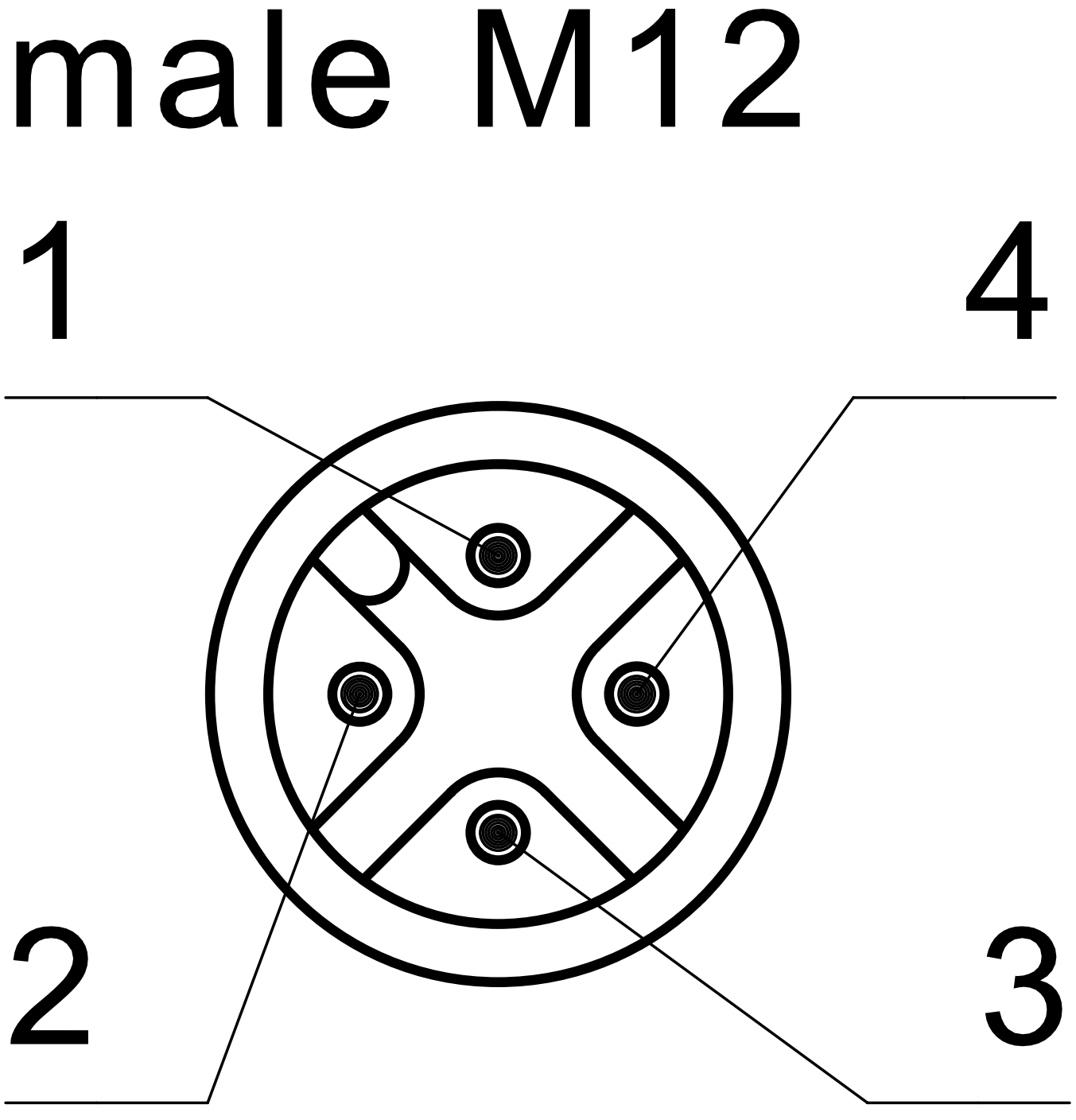
IMAGE 1/12



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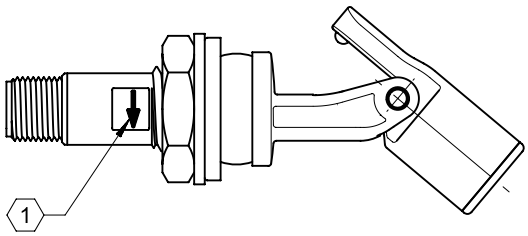
IMAGE 2/12

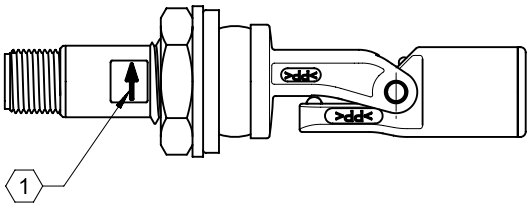


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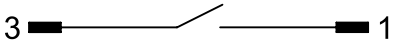
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IMAGE 3/12

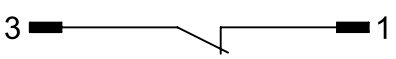




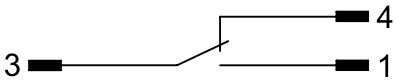
204KS0.C.....
204KS1.C.....



204KS0.C.....
204KS1.C.....



204KS2.C.....



204KS2.C.....

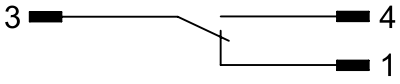
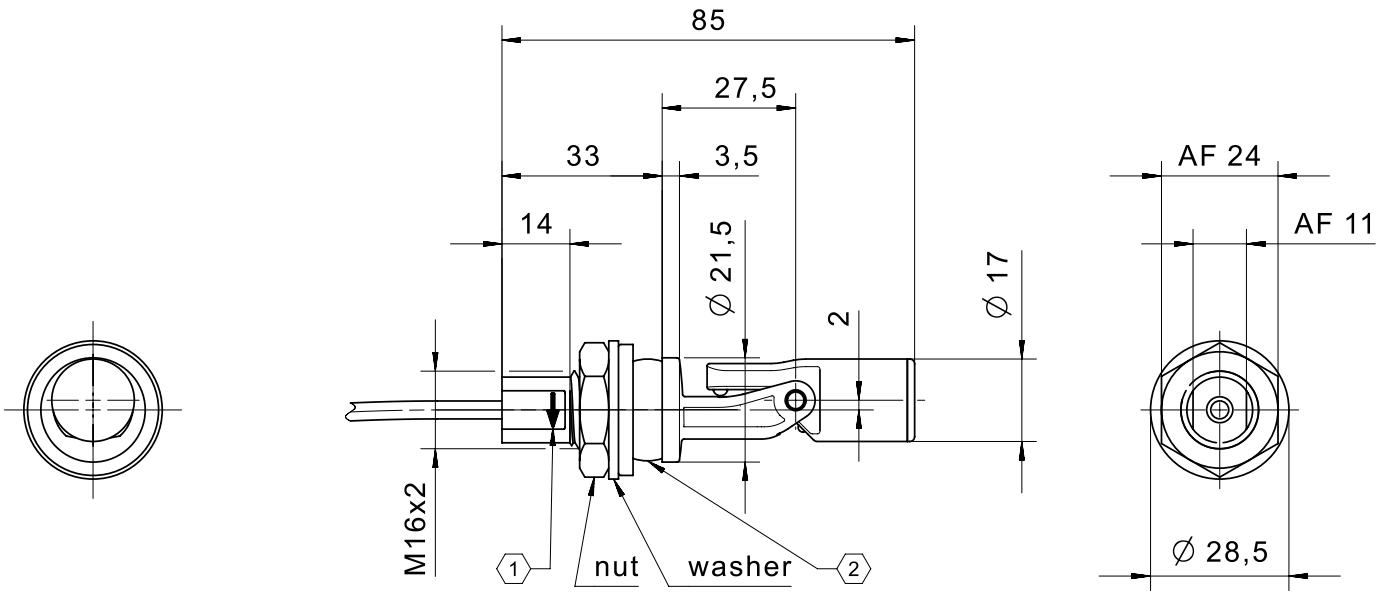


IMAGE 4/12

204KS..D.....



1 marking for mounting position

2 compression grommet for maximum wall thickness 3 and hole ∅22 till ∅23

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IMAGE 5/12

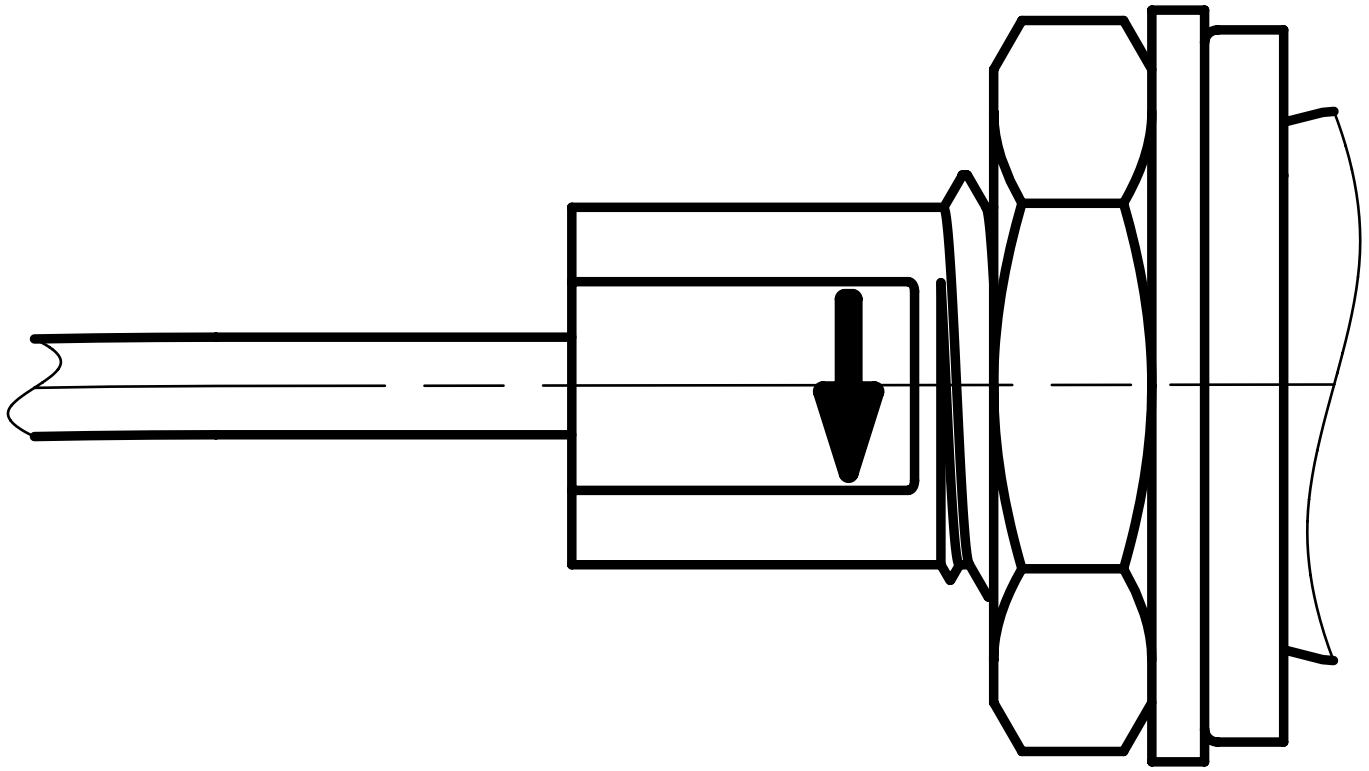
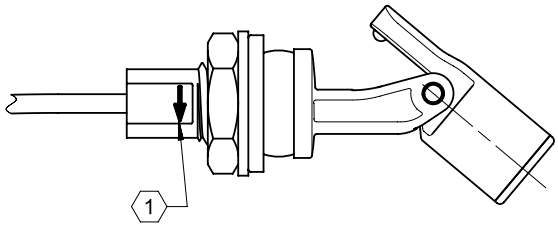
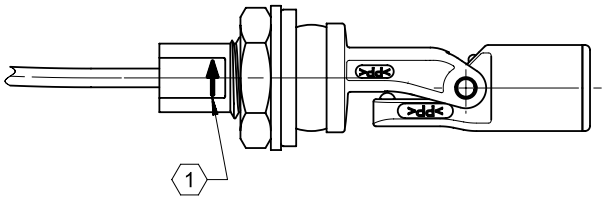
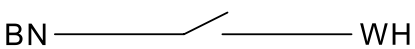


IMAGE 6/12

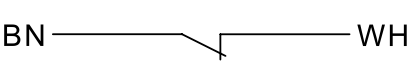




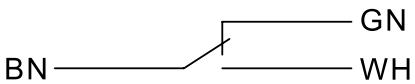
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204KS1.D.....



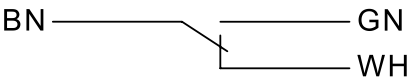
204KS0.D.....
204KS1.D.....



204KS2.D.....



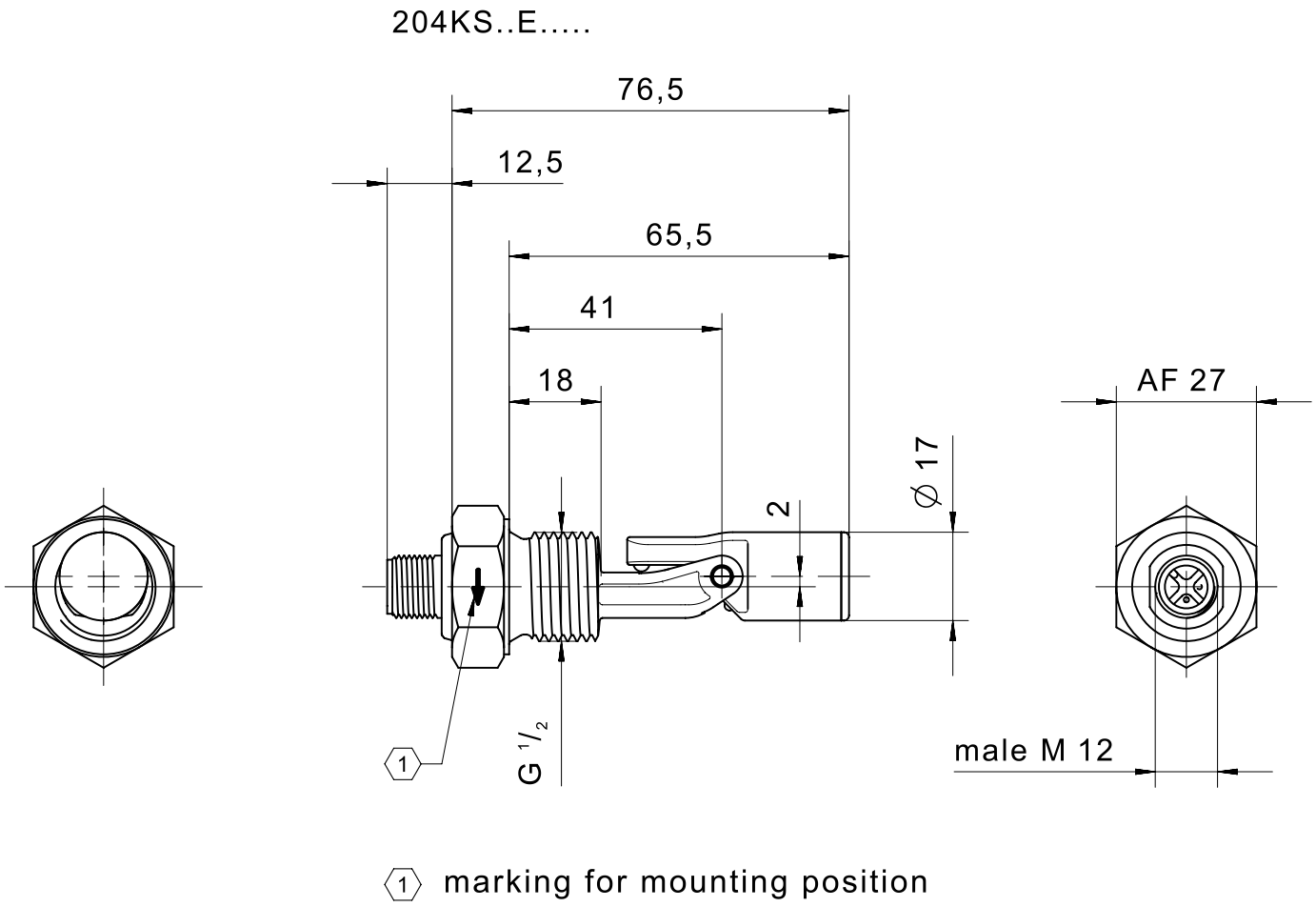
204KS2.D.....



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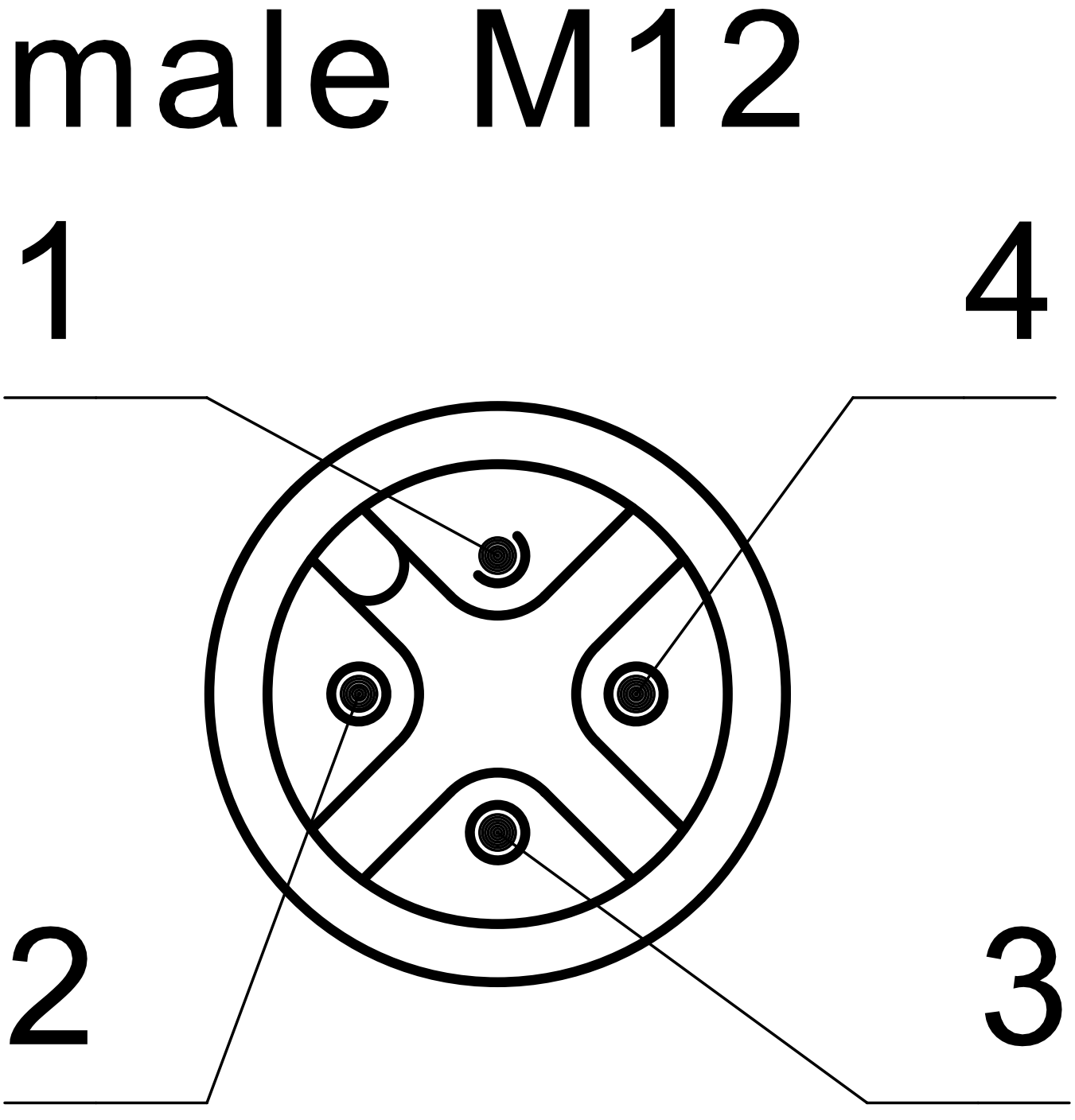
IMAGE 7/12



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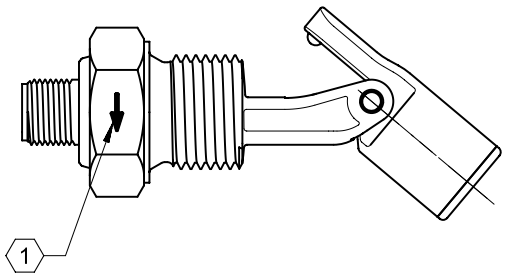
IMAGE 8/12



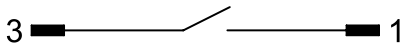
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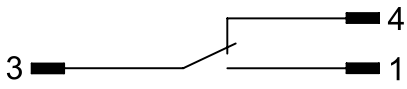
IMAGE 9/12

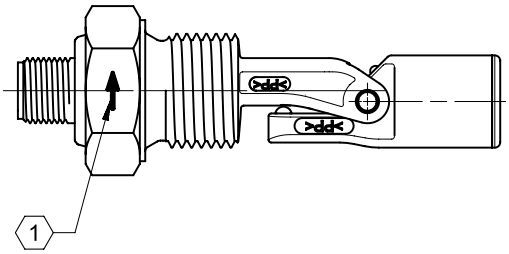


204KS0.E.....
204KS1.E.....

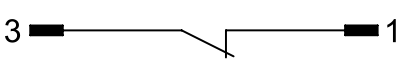


204KS2.E.....





204KS0.E.....
204KS1.E.....



204KS2.E.....

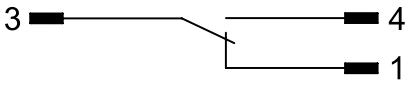
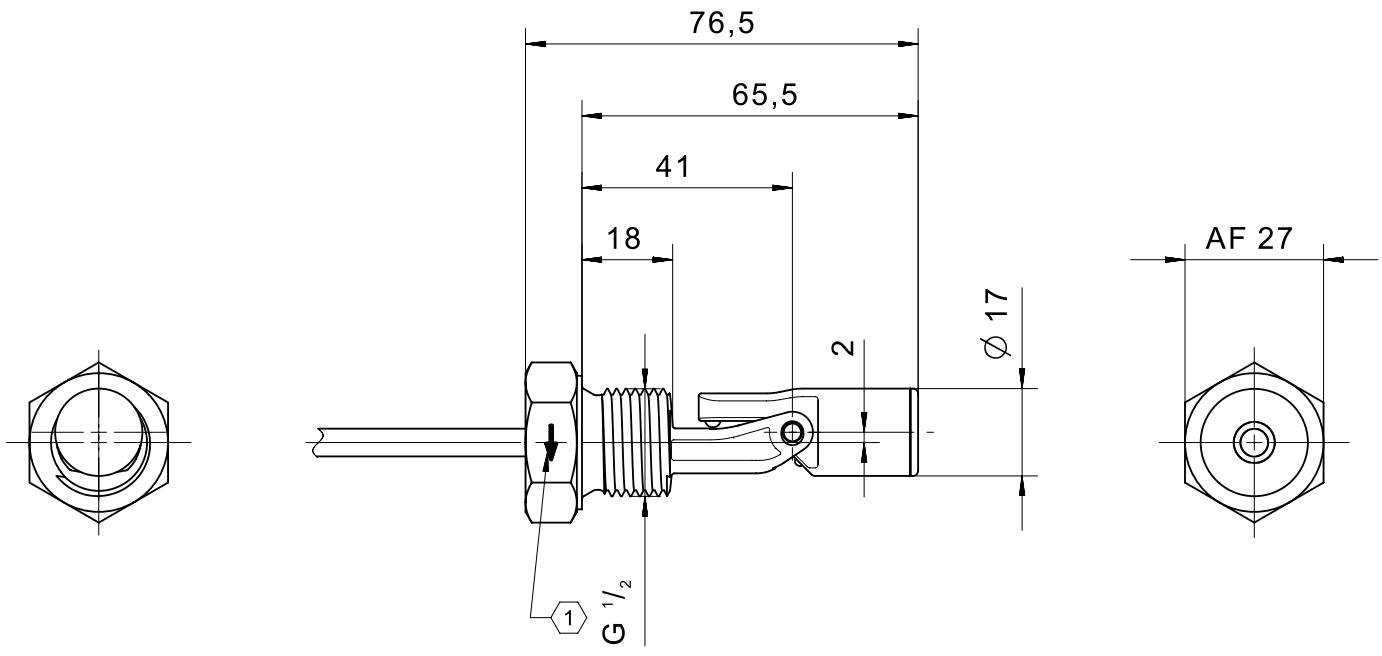


IMAGE 10/12

204KS..G.....



1 marking for mounting position

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IMAGE 11/12

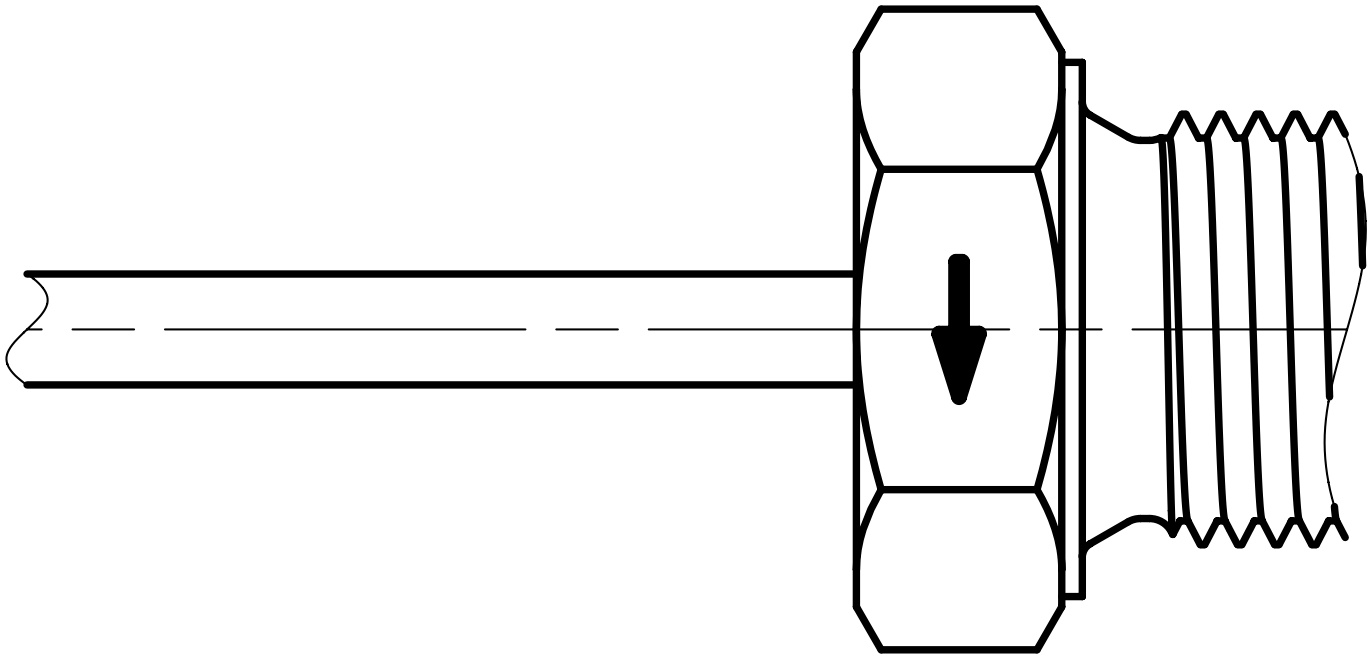
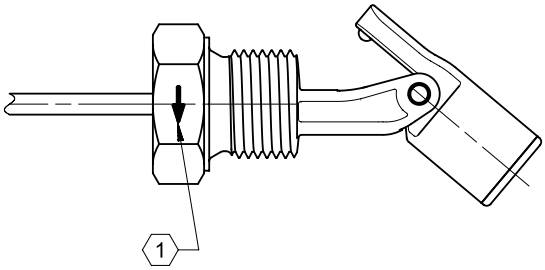
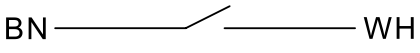


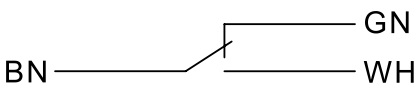
IMAGE 12/12

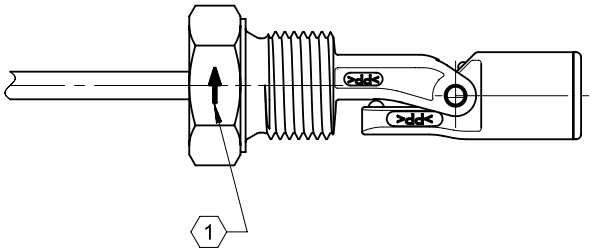


204KS0.G.....
204KS1.G.....

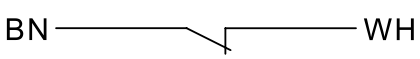


204KS2.G.....

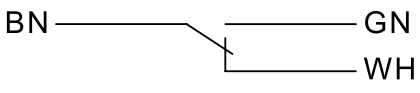




204KS0.G.....
204KS1.G.....



204KS2.G.....



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Product options

IMAGE 1/1

ORDERING KEY

204KS							Float switch side mount, short, mechanical hinge	
							Contact form	
	1						N.O. / N.C. max. 250 V	
	2						C.O. max. 48V	
							Housing material	
		2					PP	
		4					PA12	
							Connections	
			C				Connection thread M16x2, M12 connector, compression grom-met	
			D				Connection thread M16x2, cable connection 1m, compression grommet	
			E				Connection thread G1/2, M12 connector	
			G				Connection thread G1/2, cable connection 1m	
							Material of compression grommet	
				0			No seal*	* Only for connections E and G
				T			TPE (Santoprene)	
							Material of cable sheath	
					1H		PVC, cable length 1m*	* Only for connections D and G
					00		Only if selected with M12 connector*	* Only for connections C and E
							Other cable lengths*	* Only for connections D and G
						-3	Cable length 3m	
						-5	Cable length 5m	
						-10	Cable length 10m	

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

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Article characteristics

Attribute	204KS12CT00	204KS12DT1H	204KS12E000	204KS12G01H	204KS14CT00	204KS14DT1H
Max. switching voltage	250 V DC					
Max. switching voltage	250 V AC					
Max. switching current	1 A					
Max. switching power	50 W					
Contact form	1A or 1B					
Output signal	digital					
Technology	Reed					
Float diameter	17 mm					
Version	Mechanical hinge, small version					
Housing material	PP				PA12	
Float material	PP				PA12	
Cable material	-	PVC	-	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	–		G 1/2		–	
Installation opening	D22-23		G1/2		D22-23	
Connector type	M12	-	M12	-	M12	-
Cable length	–	1 m	–	1 m	–	1 m

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Attribute	204KS14E000	204KS14G01H	204KS22CT00	204KS22DT1H	204KS22E000	204KS22G01H
Max. switching voltage	250 V DC		48 V DC			
Max. switching voltage	250 V AC		48 V AC			
Max. switching current	1 A		0.5 A			
Max. switching power	50 W		10 W			
Contact form	1A or 1B		1C			
Output signal	digital					
Technology	Reed					
Float diameter	17 mm					
Version	Mechanical hinge, small version					
Housing material	PA12		PP			
Float material	PA12		PP			
Cable material	-	PVC	-	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	Thread		Compression grommet		Thread	
Thread	G 1/2		–		G 1/2	
Installation opening	G1/2		D22-23		G1/2	
Connector type	M12	-	M12	-	M12	-
Cable length	–	1 m	–	1 m	–	1 m

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Attribute	204KS24CT00	204KS24DT1H	204KS24E000	204KS24G01H
Max. switching voltage	48 V DC			
Max. switching voltage	48 V AC			
Max. switching current	0.5 A			
Max. switching power	10 W			
Contact form	1C			
Output signal	digital			
Technology	Reed			
Float diameter	17 mm			
Version	Mechanical hinge, small version			
Housing material	PA12			
Float material	PA12			
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	
Thread	-		G 1/2	
Installation opening	D22-23		G1/2	
Connector type	M12	-	M12	-
Cable length	-	1 m	-	1 m