

PR

FLANGES FOR TEMPERATURE SENSORS

The flanges are available in several sizes according to the dimensions of the protective tubes of the temperature sensors. They consist of an upper and a lower flange, which are connected to each other by two screws.

The upper flange is equipped with a clamp for mounting the sensor protection tube, the lower flange is internally sealed and can be welded to the wall or housing of the process equipment.



Flanges with glass ceramic insulating cord UP

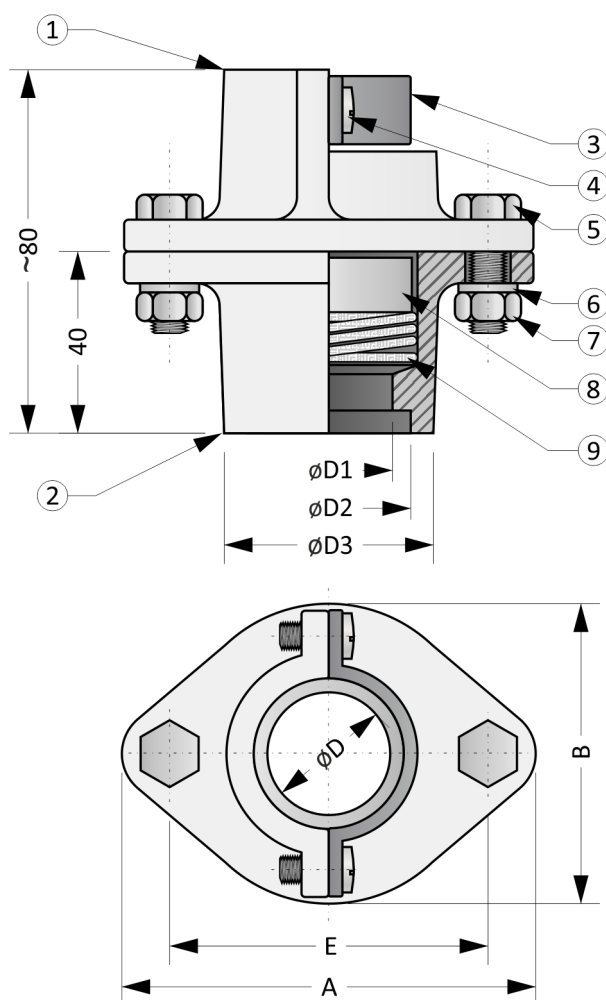


Figure PR.1: Flange with glass ceramic insulating cord

	Item	Material
①	Upper flange	Tempered cast iron with aluminium coating
②	Lower flange	
③	Clamp	Aluminium coated steel
④	Bolt M6 (2 pcs)	Steel
⑤	Bolt M8 (2 pcs)	
⑥	Washer 8 (2 pcs)	
⑦	Nut M8 (2 pcs)	
⑧	Insert	Galvanized steel
⑨	Seal	Glass ceramic insulating cord

Flange dimensions (Table PR.1)

ϕD (Nominal / actual)	$\phi D1$ (Nominal / actual)	$\phi D2$	$\phi D3$	A	B	E
14 mm/ 15 mm	14 mm/ 17 mm	28 mm	34 mm	75 mm	50 mm	55 mm
22 mm/ 24 mm	22 mm/ 24 mm	36 mm	45 mm	90 mm	65 mm	70 mm
32 mm/ 33 mm	26 mm/ 28 mm	36 mm	45 mm	90 mm	65 mm	70 mm

Optional Parameters Including the Creation of an Order Code (Table PR.2)

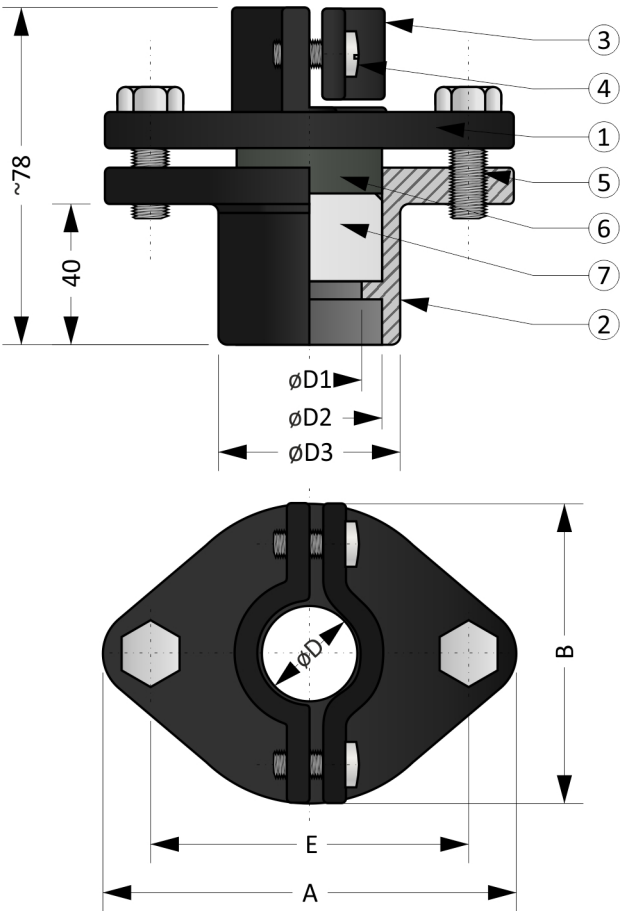
Pos.	Code	UP 1 2
1	Nominal diameter $\varnothing D$	
	14	$\varnothing D = 14\text{ mm}$
	22	$\varnothing D = 22\text{ mm}$
	32	$\varnothing D = 32\text{ mm}$
2	Design	
		Complete - upper and lower flange
	A	Upper flange - includes parts 1, 3 a 4
	B	Lower flange - includes parts 2, 5, 6, 7, 8 a 9

Order code example: UP22
 ... Nominal diameter $\varnothing D = 22\text{ mm}$
 ... Complete - upper and lower flange

Approximate weight of the product: UP22 ... ~ 750 g

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Flanges with teflon seal UP.G



	Item	Material
1	Upper flange	Cast iron with black powder coating
2	Lower flange	
3	Clamp	
4	Bolt M6 (2 pcs)	Steel
5	Bolt M8 (2 pcs)	
6	Insert	
7	Seal	Teflon ring

Figure PR.2: Flange UP.G

Flange dimensions (Table PR.3)

$\varnothing D$	$\varnothing D1$	$\varnothing D2$	$\varnothing D3$	A	B	E
14 mm	16 mm	26 mm	35 mm	73 mm	49 mm	55 mm
15 mm	16 mm	26 mm	35 mm	73 mm	49 mm	55 mm
22 mm	23 mm	32 mm	40 mm	88 mm	64 mm	70 mm
32 mm	33 mm	42 mm	50 mm	88 mm	64 mm	70 mm

Optional Parameters Including the Creation of an Order Code (Table PR.4)

Pos.	Code	UP ① ② G
①	Nominal diameter $\varnothing D$	
	14	$\varnothing D = 14 \text{ mm}$
	15	$\varnothing D = 15 \text{ mm}$
	22	$\varnothing D = 22 \text{ mm}$
	32	$\varnothing D = 32 \text{ mm}$
②	Design	
		Complete - upper and lower flange
	A	Upper flange - includes parts ①, ③ a ④
	B	Lower flange - includes parts ②, ⑤, ⑥ a ⑦

Order code example: UP14G
 ... Nominal diameter $\varnothing D = 14 \text{ mm}$
 ... Complete - upper and lower flange

Approximate weight of the product: UP14G ... ~ 500 g

Installation And Operating Instructions

Installation of the flange is carried out by welding the lower flange into the wall of the technological equipment. The sensor can be moved after loosening two bolts, which allows the desired sensor immersion to be set.

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