

# Protection Tubes for Thermometers with Union Nut

## DIN 43772, Form 4, for Thermometer Connection Type Dc

The protection tube and the thermometer are either connected with a double threaded adapter (Fig. 2) or with a neck tube (Fig.1). This combination provides the required installation length  $l_1$ .

The screwed sealing plug (Fig.3) helps to prevent contamination when assembling the protection tube.

Please refer to page 9 for dimensions and details.

Order-Example	180.9	001	0	3
D-protection tube	180.9			
SIKA Type	protection tube length I			
D1	140 =	001	0	
D2	200 =	002	0	
D4	200 =	004	0	
D5	260 =	005	0	
Materials	Stainless steel 1.4571		=	3
	Steel 1.0460		=	6
	Stainless steel 1.7335		=	7
	Stainless steel 1.7380		=	8
	Stainless steel 1.5415		=	9

Immersion lengths ( $l_1$ )		
SIKA-Type	with neck tube	with double threaded adapter
D1	295 mm	155 mm
D2/4	355 mm	215 mm
D5	415 mm	275 mm

Dimensions					
Protoc. tube length I	Imm. length U	$F_2$	$F_3$	$d_1$	N
		D	D	D	D
140 (D1)	65	24h7	12,5	7	M18x1,5
200 (D2)	125	24h7	12,5	7	
200 (D4)	65	24h7	12,5	7	
260 (D5)	125	24h7	12,5	7	

### Accessoires

- Neck tube 165 mm, M18x1,5 / M24x1,5, steel, nickel-plated (Fig. 1) Order-No. 165020V
- Double threaded adapter M18x1,5 / M24x1,5, steel, nickel-plated (Fig. 2) Order-No. 00076V
- Plug screw M18x1,5, brass (Fig. 3) Order-No. 000061



### Order Example Combination of D protection tube and thermometer

#### Protection tube selection

D protection tube = 180.9  
 Selection of the protection tube length, e.g. 200 mm = 180.9.0020  
 Selection of the material, e.g. stainless steel 1.4571 = 180.9.0020.3

#### Combination of thermometer and neck tube

Selection of the neck tube 165 mm = 165020V  
 Determine the thermometer installation length using the 'Immersion length' table  
 Select a Dc thermometer from the machine thermometer, precision dial thermometer or bi-metal dial thermometer catalogue, pay attention to the specified installation length  $l_1$ .  
 $l_1 = 355$  mm

#### Combination of thermometer and double threaded adapter

Selection of the double threaded adapter = 00076V  
 Determine the thermometer installation length using the 'Installation length' table  
 Select a Dc thermometer from the industrial-glass thermometer, precision dial thermometer or bi-metal dial thermometer catalogue, pay attention to the specified installation length  $l_1$ .  
 $l_1 = 215$  mm

# Combination of Protection Tube, Neck Tube and Thermometer

Pictures according to page 8

