

SecuriHeat ADW 535

Product Catalogue 2024

5.1. Copper

Standard sensing tube for applications with normal operating temperatures.
-40°C– +300°C ➔ (When used at 85°C and above, use metallic pipe clamps).

Copper 5/4mm			
Tubes			
	Sensing tube cooper delivery unit: 3m	TU 5/4 Cu 3m	11-1300034-01-01
	Sensing tube cooper delivery unit:50m	TU 5/4 Cu 50	11-1300009-01-01
Fittings brass			
	Screw Junction straight for TU 5/4 Cu delivery unit: 10 pcs	SJ 5/4 CuZn	11-1300010-01-01
	End plug for Junction straight for SJ 5/4 CuZn delivery unit: 5 pcs	EP 5/4 CuZn	11-1300011-01-01
	T-Junction for TU 5/4 Cu	TJ 5/4 CuZn	11-1300012-01-01
Coils			
	Sensing coil of TU 5/4 Cu length 5m	SC 5/4 Cu 5	11-1300013-01-01
	Test coil of TU 5/4 Cu length 10m	TC 5/4 Cu 10	11-1300014-01-01

5.2. Stainless steel

Sensor tube for applications in corrosive environments and in the food industry for hygienic reasons.
-40 – +300°C (when used at 85°C and above, use metal pipe clamps).

Stainless steel 5/4mm			
Tubes			
	Sensing tube stainless steel delivery unit: 3m	TU 5/4 St 3m	11-1300035-01-01
Fittings			
	Screw Junction straight for TU 5/4 St delivery unit: 5 pcs	SJ 5/4 St	11-1300016-01-01
	End plug for Junction straight for SJ 5/4 CuZn delivery unit: 5 pcs	EP 5/4 St	11-1300017-01-01
	T-Junction for TU 5/4 St	TJ 5/4 St	11-1300018-01-01
	Protection screw for the direct connection of sensing tube TU 5/4 St to the ADW 535 evaluation unit.	PS TU 5/4 St	11-1300043-01-01
Coils			
	Sensing coil of TU 5/4 St length 5m	SC 5/4 St 5	11-1300044-01-01
	Test coil of TU 5/4 St length 10m	TC 5/4 St 10 Set	11-1300050-01-01

5.3. Teflon

Sensor tube for standard applications and for very corrosive and aggressive environments.
-40 – +200°C (when used at more than 85°C, metal pipe clamps and brass screw-junction pieces must be used; if more than +120°C the screw-junction pieces must be outside of the monitored area).
When using **Teflon sensing tubes**, only classes **A1I** to **BI** are possible according to EN 54-22.

Teflon 6/4mm			
Tubes			
	Sensing tube teflon 6/4mm delivery unit: 100m	TU 6/4 PTFE 100	11-1300020-01-01
	Sensing tube teflon 6/4mm delivery unit: 50m	TU 6/4 PTFE 50	11-1300019-01-01
	Sensing tube teflon red 6/4mm Delivery unit 100m	TU6/4 PTFE/R 100	11-1300068-01-01
	Sensing tube teflon red 6/4mm Delivery unit 50m	TU 6/4 PTFE/R 50	11-1300067-01-01
Fittings			
	Adapter ADW TU 6/4 PTFE, AD TU 6/4 CuZn	AD TU 6/4 CuZn	11-1300021-01-01
	Screw junction straight PVDF for TU 6/4 PTFE	SJ 6/4 PVDF	11-1300022-01-01
	Endplug for TU 6/4 PTFE, EP 6/4 PVDF	EP 6/4 PVDF	11-1300023-01-01
	T-Junction for TU 6/4 PTFE, TJ 6/4 PVDF	TJ 6/4 PVDF	11-1300024-01-01
	Reduction SJ6/4CuZn-FH5/3PA, RE 6-5 CuZn	RE 6-5 CuZn	11-1300026-01-01
Mounting sets			
	Adapter-Set PA-Teflon (incl SJ 6/4 CuZn, SS4 CuZn, SS3 CuZn)	AD 5/6 CuZn-Set	11-1300036-01-01
	T-Junction-Set Teflontube (incl. TJ 6/4 CuZn, SS4 CuZn)	TJ 6/4 CuZn-Set	11-1300051-01-01
	Screw junction-Set Teflontube (incl SJ 6/4 CuZn, SS4 CuZn)	SJ 6/4 CuZn-Set	11-1300045-01-01
	End plug-Set Teflontube (incl SJ 6/4 CuZn, EP 6/4 CuZn, SS4 CuZn)	TS 6/4 CuZn-Set	11-1300053-01-01
Coils			
	Sensing-Coil 6/4PTFE with mounting clip Screw junction to connect the coil to the Teflon tube must be ordered separately	SC 6/4 PTFE 5m Set	30-4100029-01-01
Stiffener			
	Stiffener sleeve for Teflon sensing tube delivery unit: 10 pcs	SS 4 CuZn	11-1300047-01-01

5.4. Polyamide

Supply line to copper, stainless steel or Teflon sensor tubes:
- 40°C - +100°C for applications above 100°C the transition from the flexible hose to the sensor tube (screw connection) must be outside the monitoring area.

Polyamide 5/3mm			
Tubes			
	Flexible Hose Polyamid 5/3mm (Price per 25m) delivery unit: 25m	FH 5/3 PA 25	11-1300028-01-01
Stiffner			
	Stiffener sleeve brass for FH 5/3 PA delivery unit: 10 pcs	SS 3 CuZn	11-1300029-01-01
	Stiffener sleeve for FH 5/3 PA delivery unit: 10 pcs	SS 3 St	11-1300031-01-01

5.5. Installation material

Installation			
Pipe clamp			
	Pipe clamp black Temperature resistance: -40°C to +85°C delivery unit: 100 pcs	PC 5/6 PA	11-1300032-01-01
	Pipe Clamp brass delivery unit: 10 Pipe clamps and 10 brass stiffeners	PC 5/6 StG	11-1300056-01-01
	Pipe clamp stainless steel Temperature resistance: -25°C to +90°C delivery unit: 10 Pipe clamps	PC 5/6 St	11-1300033-01-01
Maintenance			
	ADW Sensing tube cleaning and maintenance set	ACMS 535	50-0500239-01-01
Installation			
	A pressing machine with pressing jaws is required for joining copper and steel suction pipes and their various connecting parts. This tool is available in any specialized market.		
Spare parts			
	Stiffener sleeve for Pipe Clamp PC 5/6 StG	SS 8 St	11-1300049-01-01

6. Accessories for Ex-Zones

Ex-Zones accessories

Tubes

	Sensing tube teflon 6/4mm for EX applications delivery unit: 100m	TU 6/4 PTFE/Ex	11-1300055-01-01
	Sensing tube teflon 6/4mm for EX applications delivery unit: 50m	TU 6/4 PTFE/Ex50	11-1300070-01-01

Grounding Clamp



GC 5/6 EX **11-1300042-01-01**

Grounding Clamp with ATEX certification.
To ground the sensing tube in Ex-zone applications.

Material:	copper tin-plated

External Temperature Sensor for EX-zones



ART 535-30 400 Ex 1 **11-1300062-01-01**

ART 535-30 400 Ex 21 **11-1300063-01-01**

The ART 535 external temperature sensor is to be used in the following cases:

- Applications compliant with EN 54-22, Class CI to GI
- Always (for all response grades) as soon as the application temperature in the monitored area deviates more than 20°C from the temperature of the evaluation unit.
- Sensor diameter 6mm

Protection class:	IP65
Operating temperature:	-50°C to +400°C
Dimensions (length):	30 m
Material:	stainless steel

Approvals

Ex-Approval:	
ART 535-30Ex 1:	Zone 1, 2 (II 2G Ex em T6)
ART 535-30Ex 21:	Zone 21, 22 (II 2D Ex mbD A21 IP65 80°C X)