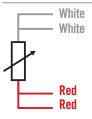


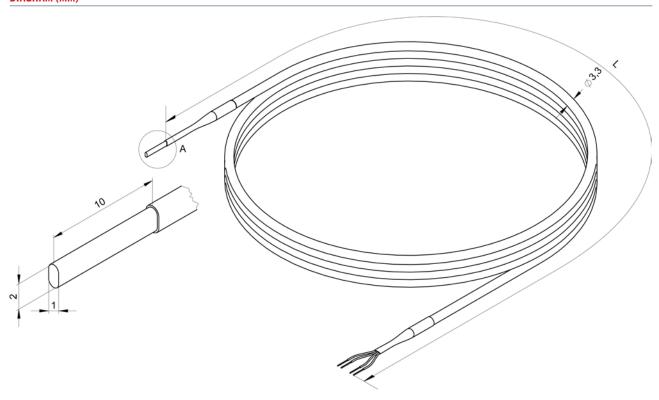
TO ORDER

Cable length L (mm)	Reference
1000	P07604120
2000	P07604121
5000	P07604122

CONNECTIONS



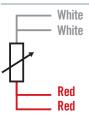




TO ORDER

Cable length L (mm)	Reference
1000	P07604115
2000	P07604116
5000	P07604117

CONNECTIONS





1,000 / 2,000 / 5,000 mm

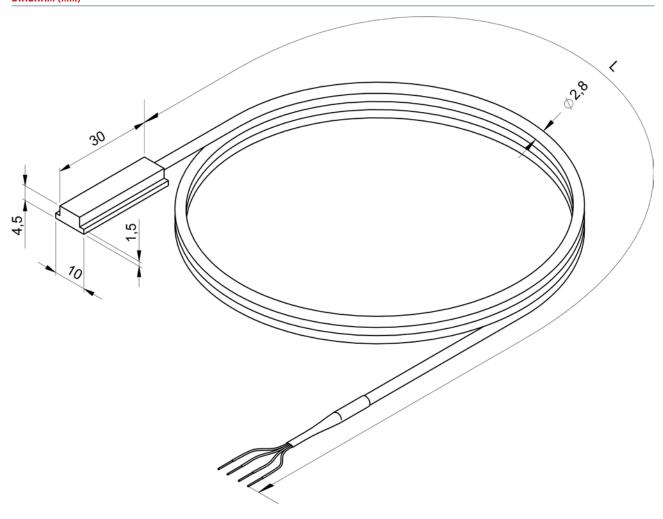
Insulated bare wires

By gluing on surface or with clamping screw.

Length L (mm)

Fastening

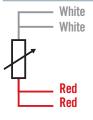
Termination



TO ORDER

Cable length L (mm)	Reference
1000	P07604123
2000	P07604124
5000	P07604125

CONNECTIONS







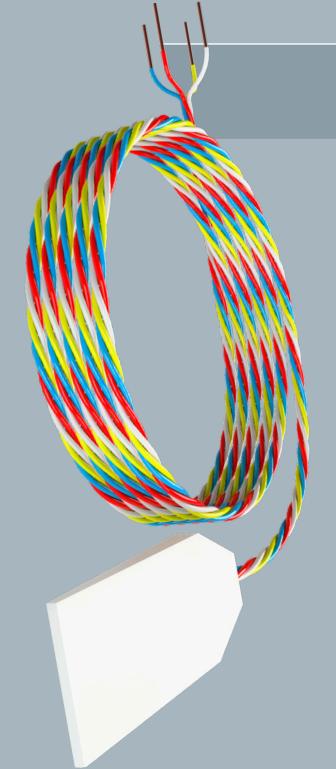
IEC 60751

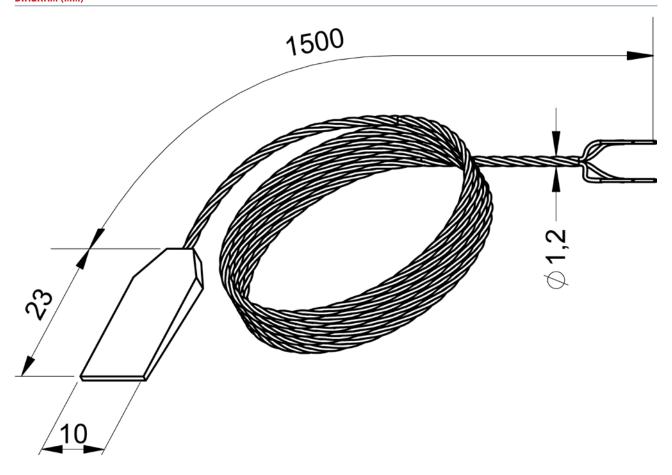




Flat, flexible Pt100 sensor, class B, 4 wires, as per IEC 60751, fastening by gluing.

Model		SS4	
Compliance with standards		IEC 60751	
Туре		Pt100 Ω	
Material		Silicone elastomer coating, 23x10mm (Lxw)	
Class		В	
Mounting / Const	nting / Construction 1x4 wires		
Max. surface tem (without flow) (the		-70° to +200°C	
	Sheath	PTFE / conductor	
	Max. temperature	200°C	
Output	Conductors	4 x 0.055 mm², silver-plated copper	
	Length L (mm)	1,500 mm	
	Termination	Insulated bare wires	
Fastening		By gluing	

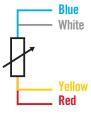




TO ORDER

Cable length (mm)	Reference
1500	L061822-000

CONNECTIONS







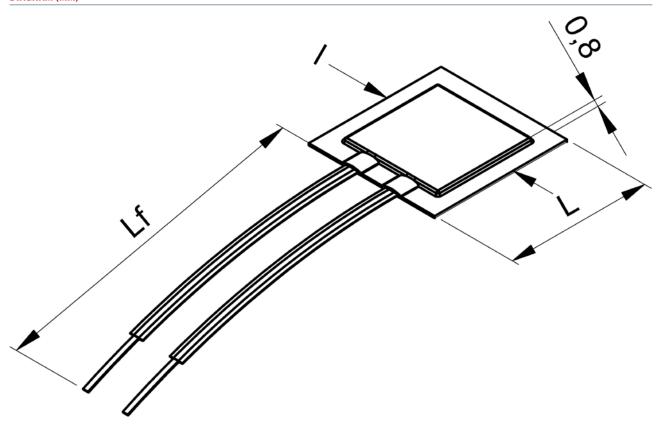
CLASS B IEC 60751



DESCRIPTION

Flat, flexible Pt100 sensor, class B, 2 wires, as per IEC 60751, fastening by gluing.

Model	SS5
Compliance with standards	IEC 60751
Туре	Pt100 Ω
Material	Glued glass silk coating
Class	В
Mounting / Construction	1x2 wires
Max. surface temp. (°C) (without flow) (theoretical)	-80° to +250°
Output	Silver wire
Fastening	By gluing
Accessories (p. 338)	TBD



TO ORDER

Dimensions (Lxwxh)	Length Lf (mm)	Reference	
20x20x0.8 mm	40 mm	L061300-000	
10x12x0.8 mm	20 mm	L062300-000	



SS6 Pt100

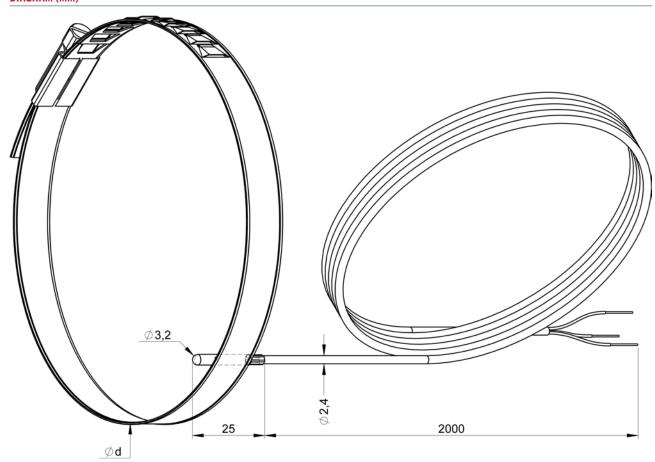
CLASS B IEC 60751



DESCRIPTION

Pt100 sensor, Class B, 3 wires, as per IEC 60751, in stainless-steel 316L sheath, output via PFA cable 2 metres long, for temperature measurement up to 250°C. Fastening on pipe with Serflex clip (supplied).

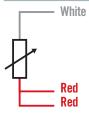
Ì	Model		SS6		
	Compliance with standards		IEC 60751		
	Туре		Pt100 Ω		
	Material		Stainless-steel 316L tube, diam.3.2 x 25 mm		
	Class		В		
	Mounting / Construction		1x3 wires		
	Max. surface temp. (°C) (without flow) (theoretical)		250°C		
		Sheath	PFA		
		Diameter (mm)	2.4 mm		
	Outnut	Max. temperature	200°C		
	Output	Conductors	3 x 0.05 mm², copper		
		Length L (mm)	2,000 mm		
		Termination	Insulated bare wires		
	Fastening		By stainless-steel Serflex clip		



TO ORDER

Pipe diam. (mm)	Reference
10 < d < 15	L918515-001
16 < d < 22	L918515-002
20 < d < 26	L918515-003
26 < d < 34	L918515-004
34 < d < 50	L918515-005
49 < d < 65	L918515-006
64 < d < 80	L918515-007
79 < d < 95	L918515-008

CONNECTIONS





TS2 THERMOCOUPLE

CLASS 1 IEC 584-1

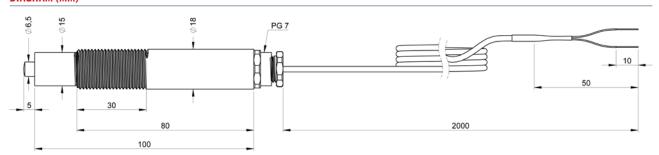
NF EN 60584-1



DESCRIPTION

J, K or T thermocouple under brass end-piece and Teflon coating for measurement of moving surface temperatures up to 250° C and a max. linear speed of 5 m/s.

Model		TS2			
Compliance with	Compliance with standards		IEC 584-1 / NF EN 60584-1		
Туре		J	K	T	
Class		1			
Mounting		Brass end-piece diam.7 mm with compression spring (max. travel 5mm) + Teflon coating diam.15 mm. Anti-rotation locking of sensing element.			
Hot junction		Insulated			
Max. surface tem (without flow, the		250°C			
Process connect	Process connection		Dural extension, diam. 18 mm, length 70 mm.		
	Type of cable	Extension			
	Cable sheath	PVC, diam.5 mm		n	
Output	Max. temperature	105°C			
	Conductors	2 x 0.2 mm ² , PVC insulation		ulation	
	Length Lc (mm)	2,000 mm			



TO ORDER

Thermocouple	Reference
J	P07602313
K	P07602567
T	P07602203

CONNECTIONS





TS3 THERMOCOUPLE

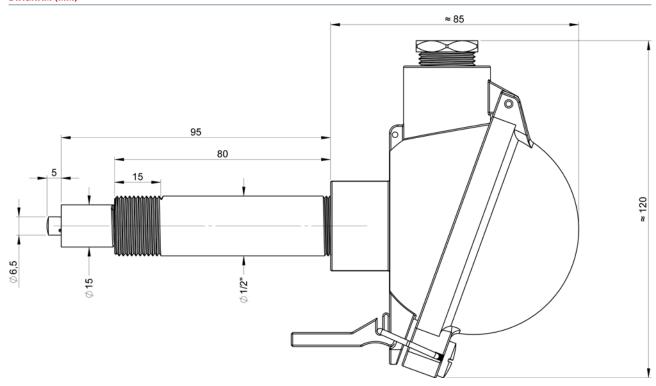
CLASS 1 IEC 584-1 NF EN 60584-1



DESCRIPTION

J, K or T thermocouple under brass end-piece with Teflon coating for measurement of moving surface temperatures up to 250° C and a max. linear speed of 5 m/s.

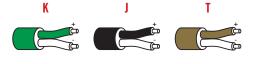
Model		TS3			
Compliance with	Compliance with standards		IEC 584-1 / NF EN 60584-1		
Туре		J	K	T	
Class		1			
Mounting		Brass end-piece, diam. 6.5 mm with compression spring (max. travel 5mm) + Teflon coating diam. 15 mm. Anti-rotation locking of sensing element.		travel 5mm) 15 mm.	
Hot junction		Insulated			
Max. surface tem (without flow, the		250°C			
Process connect	ion	Dural extension, diam. 21.3 mm, length 80 mm, 1/2"G thread			
	Head type	DAN			
	Material		Light alloy		
Electrical connection	Output	1 cable gland M 20 x 1.5		x 1.5	
	Cable diam.	5.5 mm to 7.5 mm		m	
	Equipment	Ceramic terminal strip		strip	
	IP	IP54			



TO ORDER

Thermocouple	Reference
J	P07602311
K	P07602565
T	P07602201

CONNECTIONS







NF EN 60584-1







Designed to withstand severe environments, this sensor can be used for accurate measurement of the surface temperature of pipes and thereby deduce the temperature of the fluid flowing in it. This non-intrusive contact temperature sensor is equipped with exclusive technology allowing the sensor's sensing element to be changed without unsoldering the blade-shaped support.

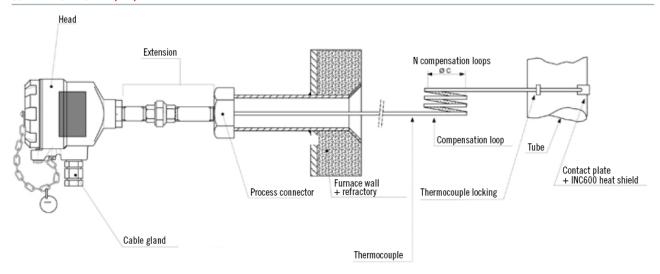
Model		TS1
Compliance with standards		IEC 584-1 / NF EN 60584-1
Measurement		By contact
Operating tempera	ature	Up to 1,150°C
	Sensor type	Type-K thermocouple
Interchangeable	Sheath metal	Inconel 600
measuring element	Protective sheath	Ceramic thimble
	Electrical connection	Transmitter 4/20 mA, Hart®
	Head	LSX ADF, made of light alloy and epoxy
Connecting head	Certification	Complies with ATEX, safety d
	Cable gland	ADF ¾ NPT
Extension	Sleeve	Type M , stainless steel 316L and union joint
	Cable gland	ADF ¾ NPT
Set-up on tube	Protection of sensing element	Contact plate + heat shield
	Locking of sensing element	Hasp - Cable guide



FURNACE AND BOILER APPLICATIONS

For furnaces and boilers requiring this type of sensor, we propose removable systems: the thermocouple is not welded to the contact plate to avoid damaging it when the plate is welded to the surface to be measured. The sensors may be ATEX-compliant, so that they can be used directly in gas furnaces, and are equipped with an insulating protective cover to protect the thermocouple from direct flames and insulate it from the ambient temperature to avoid disturbing the surface measurement. Lastly, we can provide compensation loops to prevent breakage of the sensor when the temperature in the furnace is raised: during heating, the compensation loop expands and the expansion pieces are there to avoid the mechanical stresses linked to this procedure. Our teams of experts are at your disposal to help you design your sensor so that it meets your needs.

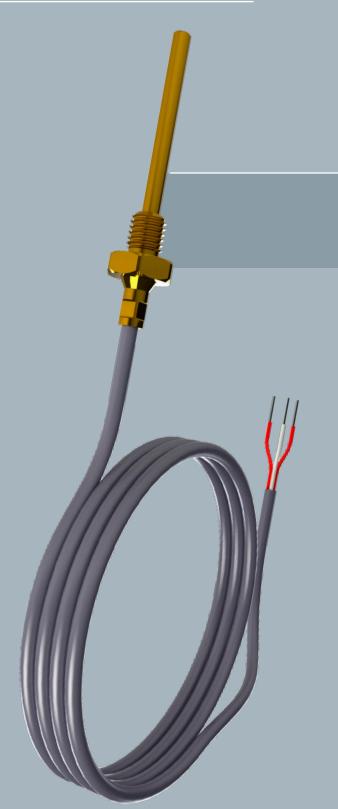
SCHEMATIC DIAGRAM (MM)



OTHER VERSIONS

Depending on the application, we offer a range of combinations adapted to your requirements, covering the type of measuring element (Type J or N thermocouple), single or duplex mounting, the sheath material (316L, Pyrosil, etc.), the connecting head, etc.

Our R&D team can also develop tailored temperature sensors to match your specifications.





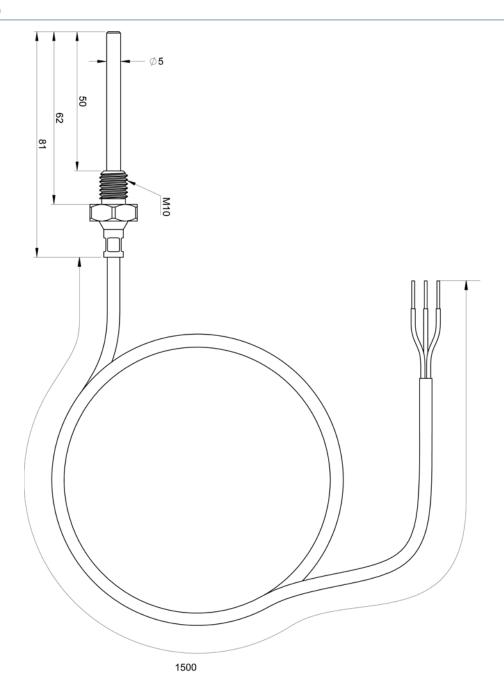
CLASS A IEC 60751



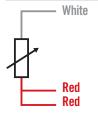
DESCRIPTION

Ambient temperature sensor with cable output.

Model		SA1
Compliance with standards		IEC 60751
Туре		Pt100 Ω
Class		A
Mounting / Construction		1x3 wires
	Material	Brass
Protective tube	Diameter (mm)	5
	Length L (mm)	50
Operating temp. (°C)	-30+70°C
	Sheath	PVC
	Diameter (mm)	4.2 mm
Outnut	Max. temperature	105°C
Output	Conductors	3 x 0.22 mm ²
	Length L (mm)	2,000
	Termination	Insulated bare wires
Fastening		Fitting M10x1.5



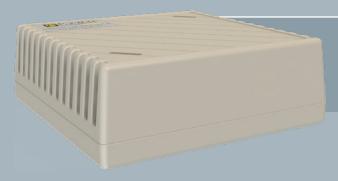
CONNECTIONS



TO ORDER

Model	Reference
SA1	L919254-001





CLASS A

IEC 60751

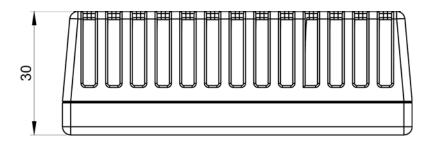


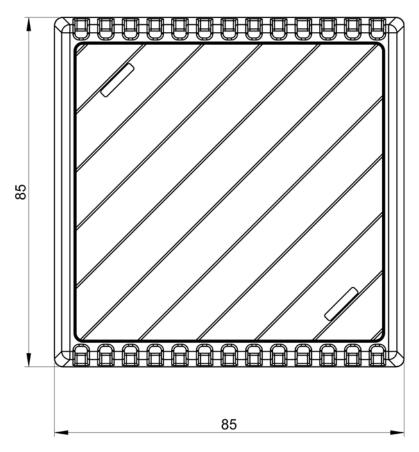
WALL Mounting

DESCRIPTION

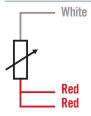
Ambient temperature sensor in wall-mounted box for indoor use.

Model		SA2
Compliance with standards		IEC 60751
Туре		Pt100 Ω
Class		A
Mounting / Construction		1x3 wires
Operating temp. (°C)		-30+70°C
	Material	Plastic
	Dimensions (Lxwxd) (mm)	85 x 85 x 30 mm
Casing	Connection	Screw terminal strip
	Fastening	Wall-mounting
	Option	Version with transmitter, 4-20mA output (scale: -30°C / +70°C)



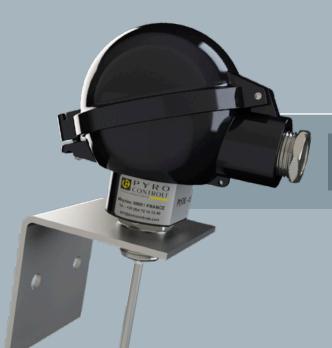


CONNECTIONS



TO ORDER

	Reference
Without transmitter	L915461-000
With transmitter	L918856-001



SA3Pt100

CLASS A

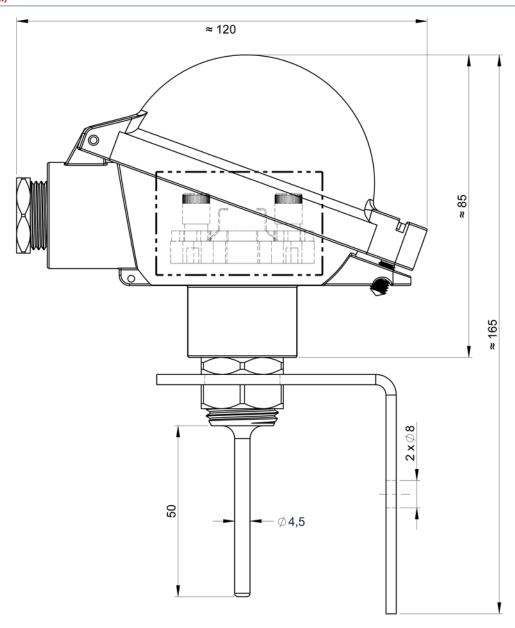
IEC 60751 65



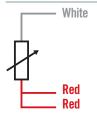
DESCRIPTION

Ambient temperature sensor in IP65 head for outdoor use.

Model		SA3
Compliance with standards		IEC 60751
Туре		Pt100 Ω
Class		А
Mounting / Constr	uction	1x3 wires
Operating temp. (°C)		-30+70°C
	Material	Stainless steel 316L
Protective tube	Diameter (mm)	4.5mm
	Length L (mm)	50 mm
	Туре	DAN-V, light alloy, IP65
Head	Output	Cable gland M20x1.5
	Connection	Ceramic terminal strip, 3 wires
	Fastening	Wall-mounting with stainless-steel bracket with 2 holes 8 mm in diameter
	Option	Version with transmitter, 4-20mA output (scale: -30°C / +70°C)



CONNECTIONS



TO ORDER

	Reference
Without transmitter	L915461-000
With transmitter	L918856-001



SA4

IEC 60751 65

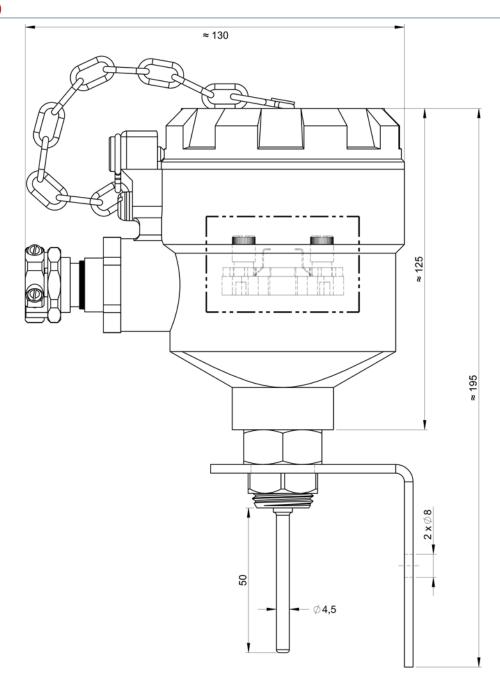
ADF



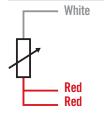
DESCRIPTION

Ambient temperature sensor in IP65 head for outdoor use.

Model		SA4
Compliance with standards		IEC 60751 / EN 60079-0 : 2012 + A11:2013
Marking as per directive 2014/34/EU		(L) II 2 GD - Ex db IIC T6 Gb Ex tb IIIC T85°C Db IP.6X Do not open when live. Do not open in dusty atmospheres
CE type inspectio	n certificate	LCIE 15ATEX3007 X IECEx LCIE 15.0015 X
Туре		Pt100 Ω
Class		A
Mounting / Consti	ruction	1 x 3 wires
Operating temp. (°C)		-30+70°C
	Material	Stainless steel 316L
Protective tube	Diameter (mm)	4.5mm
	Length L (mm)	50 mm
	Туре	PSX, light alloy, IP65
	Output	Cable gland ATEX M 20 x 1.5
Head	Connection	Ceramic terminal strip, 3 wires
	Fastening	Wall-mounting with stainless-steel bracket with 2 holes 8 mm in diameter
	Option	Version with transmitter, output 4-20mA (scale: -30°C / +70°C)



CONNECTIONS



TO ORDER

	Reference
Without transmitter	L915461-000
With transmitter	L918856-001

SA5 Pt100



IEC 60751 65

WALL Mounting

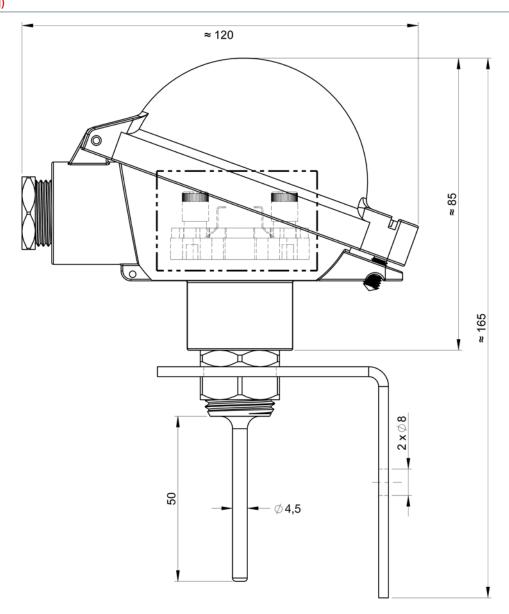
INTRINSIC SAFETY



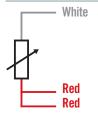
DESCRIPTION

Ambient temperature sensor in ATEX (Ex ia) IP65 head for indoor/outdoor use and use in presence of explosive atmospheres.

Model		SA5
Compliance with standards		IEC 60751 / EN 60079-0 : 2012 + A11:2013
Marking as per directive 2014/34/EU		ⓑ II 1 GD Ex ia IIC T4T6 Ga Ex ia IIIC T135°CT85°C Da
CE type inspection certificate		LCIE 15ATEX3007 X IECEx LCIE 15.0015 X
Туре		Pt100 Ω
Class		A
Mounting / Construction		1 x 3 wires
Operating temp. (°C)		-30+70°C
	Material	Stainless steel 316L
Protective tube	Diameter (mm)	4.5mm
	Length L (mm)	50 mm
	Туре	DAN-Vi, light alloy, IP65
	Output	Cable gland ATEX M 20 x 1.5
Hand	Connection	Ceramic terminal strip, 3 wires
Head	Fastening	Wall-mounting with stainless-steel bracket with 2 holes 8 mm in diameter
	Option	Version with transmitter, output 4-20mA (scale: -30°C / +70°C)



CONNECTIONS



TO ORDER

	Reference
Without transmitter	L915461-000
With transmitter	L918856-001



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