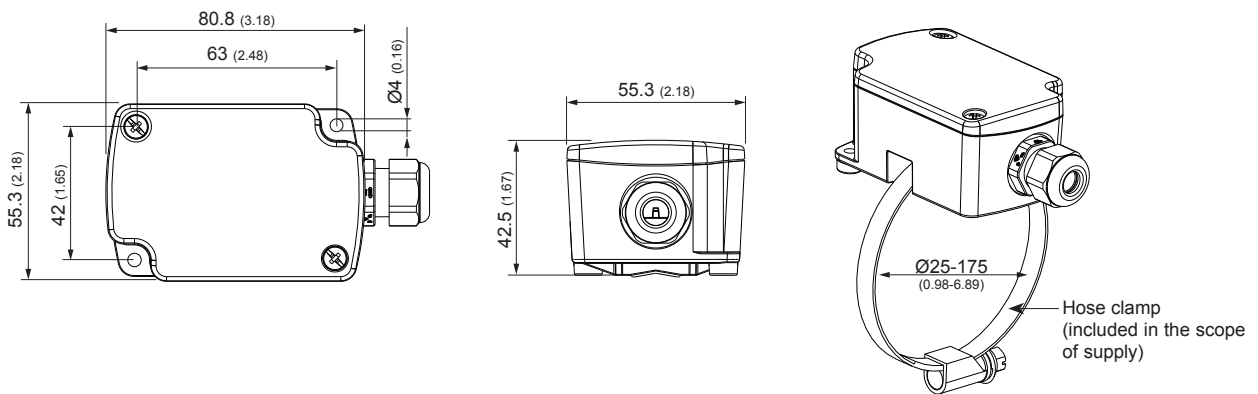


General

Insulation resistance	> 100 MΩ at 20 °C (68 °F)
Response time τ_{63}	< 1 min
Enclosure material	polycarbonate, UL94-V0 approved, T-range: -40 °C...+110 °C (-40 °F...+230 °F)
Protection class	IP65 / NEMA 4
Cable gland	M16x1.5, UL94-V2
Hose clamp material	stainless steel (corr. 1.4301 / 304)
Storage temperature	-30 °C...+70 °C (-22 °F...+158 °F)
Working and storage humidity range	5 % rh...95 % rh, no condensation

Dimensions in mm (inch)

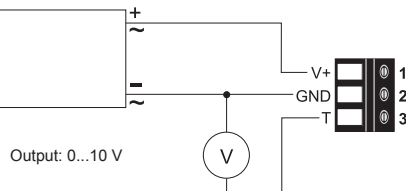


Connection Diagram

Active Output

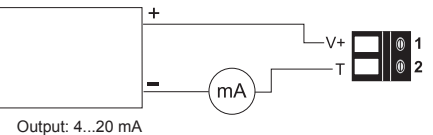
EE441-T3xx

power supply
15...35 V DC
24 V AC $\pm 20\%$



EE441-T6xx

power supply
20...35 V DC $R_L < 500 \Omega$
11...35 V DC $R_L < 50 \Omega$



Passive Output

EE441-Txx



Scope of Supply

- EE441 Temperature sensor according to ordering guide
- Cable gland
- Hose clamp
- Two self-adhesive labels for configuration changes (see user guide at www.epluse.com/relabeling)
- Test report according to DIN EN10204 - 2.2 (for active output only)

Accessories

Product configuration adapter	see data sheet EE-PCA
Product configuration software	EE-PCS (free download: www.epluse.com/configurator)
Power supply adapter	V03 (see data sheet Accessories)
Conduit adapter, M16x1.5 to 1/2"	HA011110

Ordering Guide

MODEL	OUTPUT	DESIGN	SCALING ²⁾ (analogue output only)	UNIT (analogue output only)
Temperature (T)	Analogue	Standard (PO)	-40...60 (002)	°C (M)
	0-10 V (3xx)		-20...80 (024)	°F (N)
	4-20 mA (6xx)		0...50 (004)	
	T-Sensor passive¹⁾		0...100 (005)	
	Pt100 DIN B (xxB)		32...212 (075)	
	Pt1000 DIN B (xxD)		-40...140 (083)	
	NTC1.8k (xxG)			
	NTC2.2k (xxV)			
	NTC10k B3950 (xxL)			
	NTC10k B3435 (xxO)			
	KTY81-210 (xxN)			
Ni1000 TK6180 DIN B (xxJ)				
Ni1000 TK5000 DIN B (xxT)				
EE441-				

1) T-Sensor details see www.epluse.com/R-T_Characteristics

2) other scaling upon request

Order Example

Passive Output

EE441-TxxDPO

Model: Temperature
 Output: Pt1000 DIN B
 Design: Standard

Active Output

EE441-T3xxPO/024M

Model: Temperature
 Output: 0-10 V
 Design: Standard
 Scaling: -20...80
 Unit: °C