

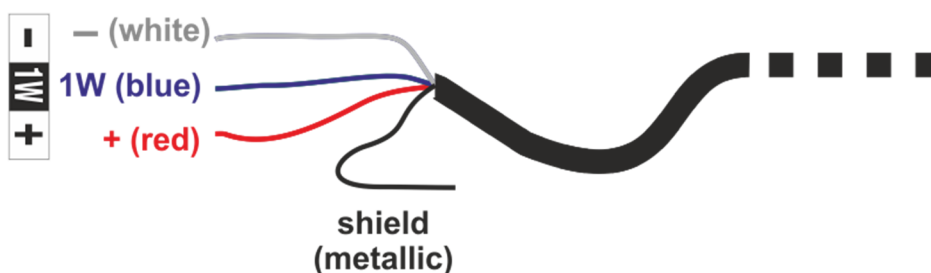
1-WIRE-T-A-120-BOX

1-Wire (DALLAS) temperature sensor for measuring temperature in air conditioning lines and pipelines



- designed for temperature measurement in air conditioning units, air conditioning lines or pipelines
- can be used in any system compatible with the DS18B20 1-Wire temperature sensor
- designed for chemically non-aggressive environment
- plastic sensor box, package includes plastic holder

CONNECTION SCHEME



TECHNICAL DATA

power supply	3,5...5,5V DC
sensor type	DS18B20
temperature sensor connection	3-wire
temperature measurement range	-30°C/+125°C
temperature sensor tolerance	+/- 0,5°C in range of -10/+85°C
ingress protection	IP65
relative ambient humidity	10–100 %
operating pressure	70 - 106kPa
max. cable diameter on terminal block	1,5mm ²
max. current consumption	1,5mA
external dimensions w/o measuring probe (h × w × d)	70 x 63 x 34mm
weight	120g
plastic box material	polyamide
measuring probe material	stainless steel
measuring probe pressure resistance	without protection tube: 2,5MPa with protection tube: 6,3MPa