



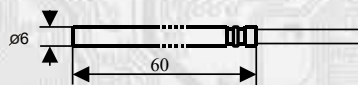
1-Wire sensor with cable outlet are designed for temperature measurement in industrial environments and in the so-called Home Building. They can be used, for example, in the Loxone intelligent electrical installation system. They are manufactured in a version with silicone cable (max. temperature 125°C) or in a version with PVC cable (max. temperature 105°C). The DS18S20 and DS18B20 sensors are used as temperature sensors.

Basic technical parameters

Type of sensor / Marking (x) / temp. range	DS18S20 / D / -20 to 125°C DS18B20 / DB / -20 to 125°C
Protection level	IP 67
Measuring current	max. 1,5 mA
Standard cable length	1m
Accuracy	± 1°C (0 °C ÷ 100 °C)

SK2 – stainless steel case Ø6x60 mm

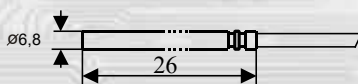
Material of the case	nerez DIN 1.4301
Standard case length	60 mm
Length on the request	40 to 300 mm



Sensor type	Cable type	Shielding	Insulation external	Wire insulation	Cable temp. range
SK2D-3SS-y	MCBE-AFEP 3 x 0,22 mm ²	yes	silicone	FEP fluorinated polymer	-60 ÷ 220 °C
SK2DB-3SS-y	MCBE-AFEP 3 x 0,22 mm ²	yes	silicone	FEP fluorinated polymer	-60 ÷ 200 °C
SK2D-3PS-y	LiYCY 3 x 0,34 mm ²	yes	PVC	PVC	-30 ÷ 80 °C
SK2DB-3PS-y	LiYCY 3 x 0,34 mm ²	yes	PVC	PVC	-30 ÷ 80 °C
SK2D-3LN-y	LiYwYw 3 x 0,34 mm ²	yes	PVC	PVC	-30 ÷ 105 °C
SK2DB-3LN-y	LiYwYw 3 x 0,34 mm ²	yes	PVC	PVC	-30 ÷ 105 °C

SK8 – zinc-coated brass case Ø6,8x26 mm

Standard case length	26 mm
Material of the case	zinc-coated brass



Sensor type	Cable type	Shielding	Insulation external	Wire insulation	Cable temp. range
SK8D-3PS-y	LiYCY 3 x 0,34 mm ²	yes	PVC	PVC	-30 ÷ 80 °C
SK8DB-3PS-y	LiYCY 3 x 0,34 mm ²	yes	PVC	PVC	-30 ÷ 80 °C
SK8D-3SN-y	MC-ECS 3 x 0,5 mm ²	no	silikon	silikon	-60 ÷ 180 °C
SK8DB-3SN-y	MC-ECS 3 x 0,5 mm ²	no	silikon	silikon	-60 ÷ 180 °C
SK8D-3SS-y	MCBE-AFEP 3 x 0,5 mm ²	yes	silikon	FEP fluorinated polymer	-60 ÷ 200 °C
SK8DB-3SS-y	MCBE-AFEP 3 x 0,5 mm ²	yes	silikon	FEP fluorinated polymer	-60 ÷ 200 °C

y = lengths of the cable (m), standard lengths – 1m