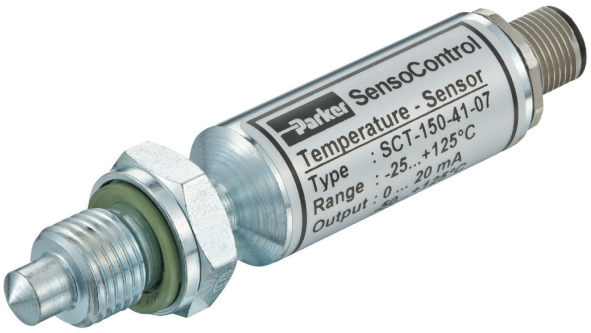
SCT-150 temperature sensor

Device features

- Withstands pressures up to 630 bar
- Compact design
- Heavy-duty steel housing
- Simple installation
- -25 °C to +100 °C



The SCT electronic temperature sensor features a compact design and high pressure resistance.

The SCT is used where temperatures have to be measured under high pressure and a compact housing is necessary.

With its pressure resistance up to 630 bar, the SCT temperature sensor is well suited for hydraulic applications.

It can be used for precise and quick temperature measurements.

The SCT series temperature sensors are compatible with the SCE panel meters. So both the hydraulic pressure and the substance temperature can be measured, checked and evaluated.

Application examples

- Test benches
- Processing equipment
- Conveying and lifting equipment
- Machine construction
- Pneumatic plant construction
- Hydraulic plant construction

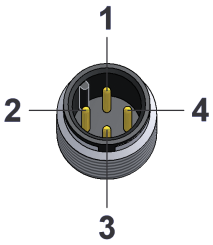
Tel: +45 63 12 83 00 | Email: ps@hymatik.com | www.hymatik.com | Hvidkaervej 27a, DK-5250 Odense SV, Denmark

SCT-150 temperature sensor

Technical data

Input	
Measuring range	-25...+100 °C
Accuracy	< ± 7 K
Response time	$\tau_{0.9}$ = 13.5
Output	
Output$_T$ (scaling for output!)	0...20 mA = -50...+125 °C
Load	≤ 250 Ω
Process connection	
G1/4A ED or M10x1	
Seal	FKM
Housing	Steel C15K/CF
Operating pressure P_n	630 bar
Parts in contact with substances	Steel C15K/CF, FKM
Ambient conditions	
Power supply V_+	+11...+24 VDC
Current consumption	< 30 mA
Ambient temperature range	-20...+70 °C
Fluid temperature range	-25...+125 °C
Storage temperature	-25...+80 °C
Electrical connection	M12x1
Protection degree	IP67

Pin assignment



Cable	Assignment
1	V_+
2	T-signal
3	0 V / GND
4	n.c.*

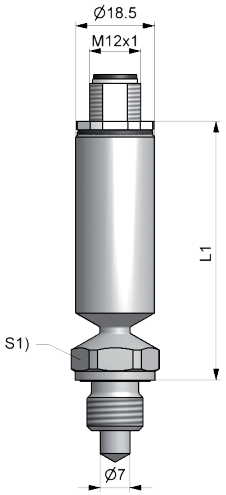
*n.c. = do not connect

Order code

Temperature sensor G1/4	**SCT-150-41-07**
Temperature sensor M10x1	**SCT-150-14-07**

SCT-150-xx-07

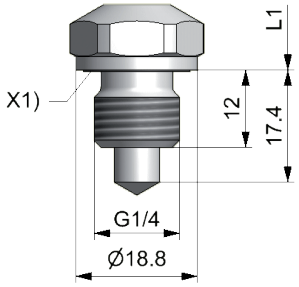
Circular connector M12x1; 4-pole



S1) = 19

SCT-150-41-07

G1/4A ED

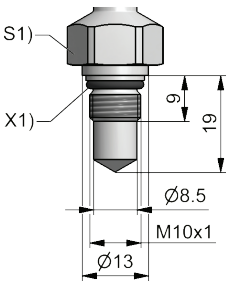


L1) = 61

X1) = ED seal

SCT-150-14-07

M10x1



X1) = O-ring