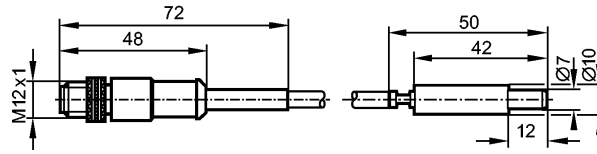




# TS2069

TS-200KDK10-...../US/

Temperature sensors



### Product characteristics

Temperature sensor for connection to evaluation units

Measuring probes Ø 10 mm

Cable with connector

gold-plated contacts

Connection to control monitor TP / TR

Measuring range: -40...90 °C / -40...194 °F

Measuring element: 1 x Pt 1000, to DIN EN 60751, class A

### Application

Application	liquids and gases	
Pressure rating [bar]	10	
Minimum installation depth [mm]	15	

### Electrical data

Connection to control monitor	TP / TR	
Protection class	III	

### Measuring / setting range

Measuring range	-40...90 °C	-40...194 °F
-----------------	-------------	--------------

### Accuracy / deviations

Accuracy	$\pm (0.15 K + 0.002 \times  t )$	
----------	-----------------------------------	--

### Reaction times

Dynamic response T05 / T09 [s]	6 / 25 *)	
--------------------------------	-----------	--

### Environment

Protection	IP 67	
------------	-------	--

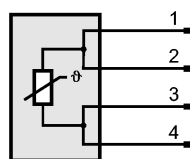
### Mechanical data

Materials (wetted parts)	stainless steel 316L / 1.4404	
Probe diameter [mm]	10	
Housing materials	high-grade stainless steel	
Weight [kg]	0.098	

### Electrical connection

Connection	PUR cable / 2 m; with M12 connector	
------------	-------------------------------------	--

### Wiring



### Remarks

Remarks	*) according to DIN EN 60751 The values for accuracy apply to flowing water.	
---------	---	--



# TS2069

TS-200KDKD10-...../US/



**Temperature sensors**

Pack quantity [piece] 1

ifm efector, inc. • 1100 Atwater Drive • Malvern • PA 19355 — We reserve the right to make technical alterations without prior notice. — US — TS2069 — 24.06.2015