

TS335A



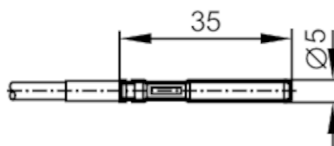
Temperature cable sensor with process connection

TS-300KEKD05...../US/3D

Article no longer available - archive entry

Alternative articles: TS325A

When selecting an alternative article and accessories please note that technical data may differ!



Product characteristics

Measuring range	-20...80 °C	-4...176 °F
-----------------	-------------	-------------

Application

Special feature	Screened cable	
Measuring element	1 x Pt 100; (to DIN EN 60751, class B; operating current max. 10 mA)	
Media	liquids and gases	
Minimum installation depth [mm]	15	

Electrical data

Protection class	III	
------------------	-----	--

Measuring/setting range

Measuring range	-20...80 °C	-4...176 °F
Note on measuring range	measuring range for non-ATEX applications: -20...180 °C / -4...356 °F	

Accuracy / deviations

Accuracy [K]	$\pm (0,30 K + 0,005 x t)$	
--------------	-----------------------------	--

Response times

Dynamic response T05 / T09 [s]	6 / 18; (to DIN EN 60751)	
--------------------------------	---------------------------	--

Operating conditions

Ambient temperature [°C]	-20...80	
Protection	IP 67	

Tests / approvals

ATEX marking	Ex II 3D IP 67 T 100 °C X	
--------------	---------------------------	--

Mechanical data

Dimensions [mm]	Ø 5 / L = 35	
Materials	stainless steel (1.4571/316Ti)	
Materials (wetted parts)	stainless steel (1.4571/316Ti)	
Probe diameter [mm]	5	

Remarks

Remarks	The values for accuracy apply to flowing water.	
Pack quantity	1 pcs.	

TS335A



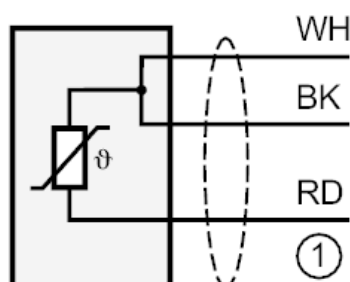
Temperature cable sensor with process connection

TS-300KEKD05...../US/3D

Electrical connection

Cable: 3 m, silicone, shielded

Connection



1 = screen not connected to the housing
Core colours :
WH = white
BK = black
RD = red