

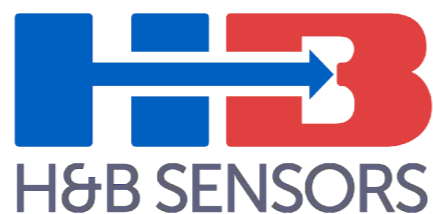
$\text{Ø } 12.7\text{mm}$ FOR PROCESS CONNECTIONS 1/2", 3/4", 1" and M20
 $\text{Ø } 9\text{mm}$ FOR PROCESS CONNECTIONS 3/8" and 1/4"

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Dimensions in millimetres
Tolerances unless otherwise
stated are as below
X... ±0.4
X.X... ±0.2
X.XX... ±0.05
The above do not apply to
drilled holes

Tolerances on drilled holes
+1% or +0.05 on nominal size,
whichever is the greater.
Machined diameters to be
concentric within 0.1 T.C.R
Holes disposed on a pitch
circle to be within 0.08 of true
position.

DESCRIPTION:

RTD Sensor With Integral Extension & Thread

DRAWING NUMBER:

RTD320

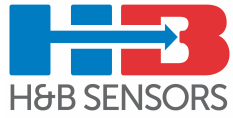
THIRD ANGLE PROJECTION



RTD320 – RTD Sensor with Integral Extension & Thread

RTD320

Sensor Configuration	
Simplex	S
Duplex	D
Triplex	T
Sensor Wiring	
2 Wire	2
3 Wire	3
4 Wire	4
Sensor Type	
Pt100	100
Pt1000	1000
Sensor Class	
Class B	B
Class A	A
1/3 DIN	3
1/5 DIN	5
1/10 DIN	10
Sheath Material	
316 Stainless Steel	316
Sheath Diameter Ø	
6mm	6
Xmm	X
Sheath Length (L)	
Xmm	X
Extension Length (N)	
75mm	75
Xmm	X
Thread Size	
¼"	14
½"	12
¾"	34
1"	1
M20 x 1.5	M20
Thread Type	
BSPP	BP
BSPT	BT
NPT	NT
Metric	M
Approvals	
ATEX/IECEX Exia II 1 GD	IA
ATEX/IECEX Exd II 2 GD	XD
None	X
Connection Head	
Type 11 (Aluminium)	11
Type 16 (Aluminium)	16
Type 44 (316 Stainless Steel)	44
Type 46W (Plastic)	46W
Type 55/A (Aluminium)	55A
Type 55/S (316 Stainless Steel)	55S
Termination	
150mm Tails	TA
Ceramic Terminal Block	TB
HBS4100 Temperature Transmitter	41
HBS4400 Temperature Transmitter (Exia)	44
HBS4600 Temperature Transmitter (Exia, HART)	46
HBS5500 Temperature Transmitter & Indicator (HART)	55
HBS5600 Temperature Transmitter & Indicator (Exia, HART)	56
Indicator	
HBS3300	33
HBS3700 (Battery Powered)	37
HBS5500 Temperature Transmitter & Indicator (HART)	55
HBS5600 Temperature Transmitter & Indicator (Exia, HART)	56



None	X
Design Temperature	
Low (-196°C to +100°C)	L
Standard (-50°C to +250°C)	S
High (-50°C to +650°C)	H

Example Ordering Code:

RTD320-S-3-100-A-316-6-150-75-12-BP-X-11-41-X-S