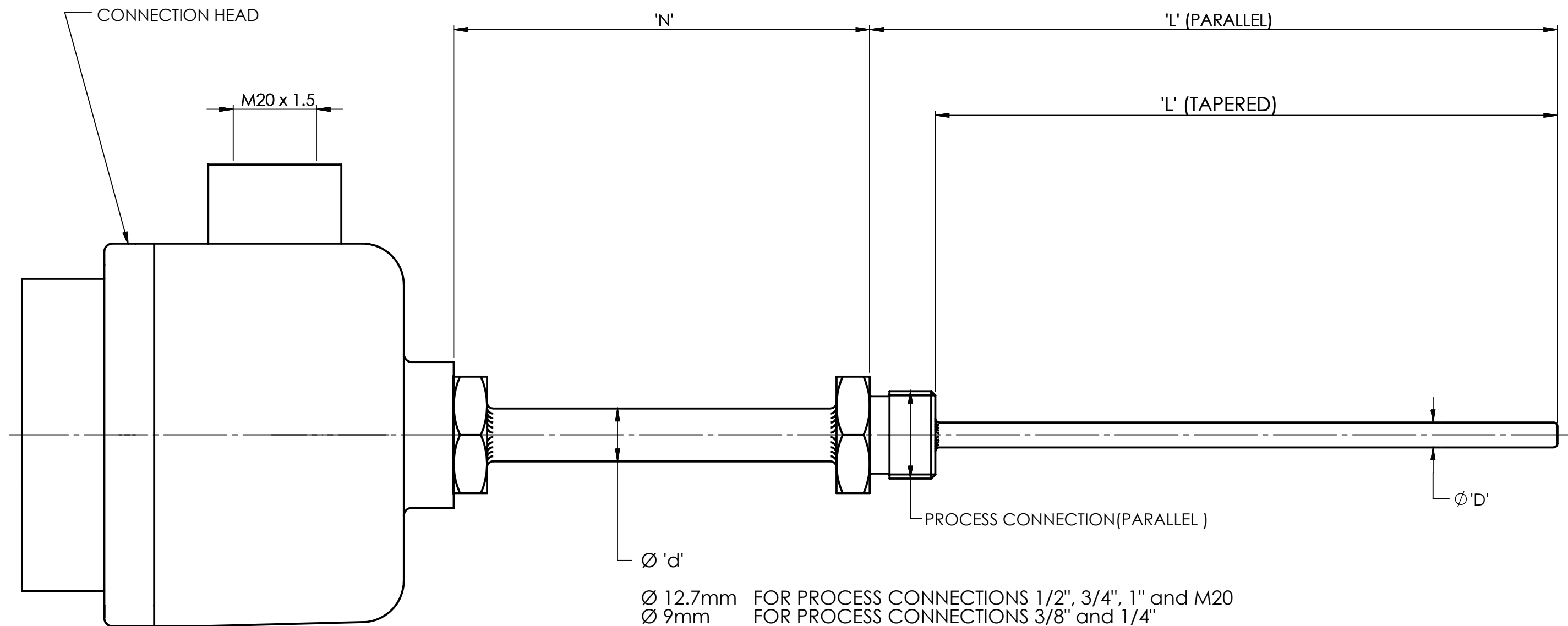


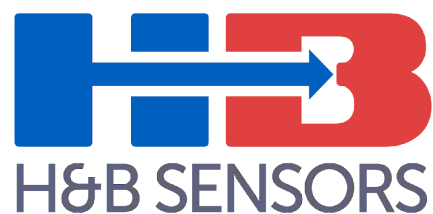


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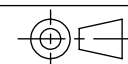
Web: www.hbsensors.com



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.

THIRD ANGLE PROJECTION



DESCRIPTION:

T/C Sensor With Integral Extension & Thread

DRAWING NUMBER:

TCS320

TCS320 – Thermocouple Sensor with Integral Extension & Thread

TCS320

Sensor Configuration	
Simplex	S
Duplex	D
Triplex	T
Sensor Type	
Type E	E
Type J	J
Type K	K
Type N	N
Type T	T
Sensor Junction	
Isolated	I
Grounded	G
Exposed	E
Sheath Material	
310 Stainless Steel	310
316 Stainless Steel	316
Alloy 600	600
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
HS4200 Temperature Transmitter	42
HS4400 Temperature Transmitter (Exia)	44
HS4600 Temperature Transmitter (Exia, HART)	46
HS5500 Temperature Transmitter & Indicator (HART)	55
HS5600 Temperature Transmitter & Indicator (Exia, HART)	56
Indicator	
HS3300	33
HS3700 (Battery Powered)	37
HS5500 Temperature Transmitter & Indicator (HART)	55
HS5600 Temperature Transmitter & Indicator (Exia, HART)	56

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Example Ordering Code:

TCS320-S-K-I-316-6-150-75-12-BP-X-11-42-X