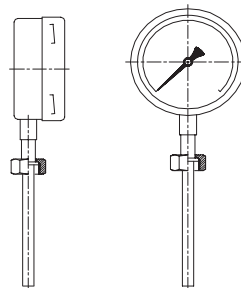


RST Series with stainless steel case according to EN 13190

STANDARD TECHNICAL SPECIFICATIONS:

CASE	: bayonet lock, AISI304/1.4301, IP-65
STEM - BULB	: AISI321/1.4541, see page 2, 3
WINDOW	: mineral glass 4 mm
DIAL	: aluminium, black figures on white
POINTER	: aluminium, black
CONNECTION	: see page 2, 3
RANGES	: from -200 upto +800°C, see page 13

EXAMPLE:



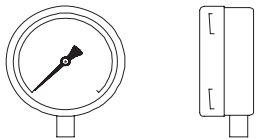
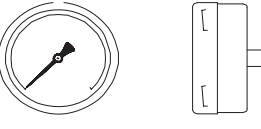
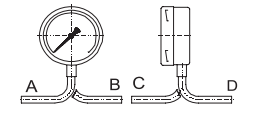
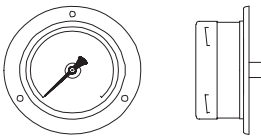
RST100XA

OVERLOAD	: up to 30% F.S. (but max. 800°C)
ACCURACY	: ±1% F.S. / class 1
MOVEMENT	: brass
OPTIONS	: see page 14
CONTACTS	: see page 15-21

Dial Size

ORDERING CODE	DIAL SIZE
063	63 mm
080	80 mm
100	100mm
160	160mm
250	250mm

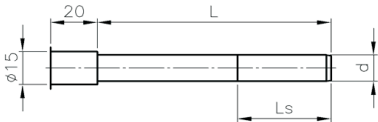
Configuration

ORDERING CODE	TYPE	CASE DIAMETER (Ø in mm)				
		63	80	100	160	250
A		RST063XA	RST080XA	RST100XA	RST160XA	RST250XA
E		RST063XE	RST080XE	RST100XE	RST160XE	RST250XE
T x= ,B,C or D		RST063XT-x	RST080XT-x	RST100XT-x	RST160XT-x	RST250XT-x
F		RST063XF	RST080XF	RST100XF	RST160XF	RST250XF

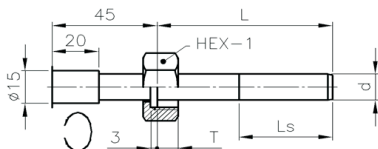
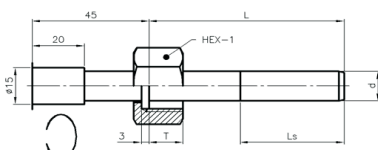
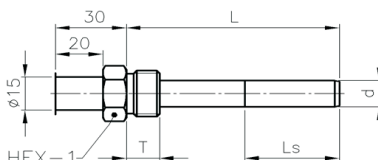
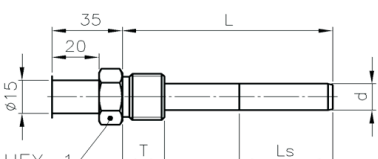
OPTION (see also page 14) for CONFIGURATION

Lx	LIQUID FILLED CASE: GLYCERINE (in combination with electrical device: Ondina oil, (see Thermowells catalogue)	RST063Lx	RST080Lx	RST100Lx	RST160Lx	RST250Lx
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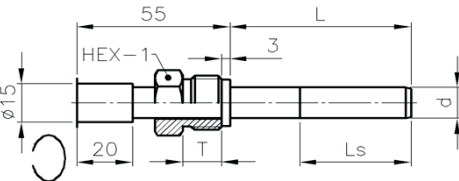
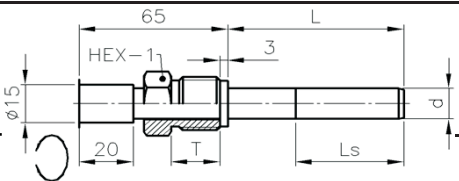
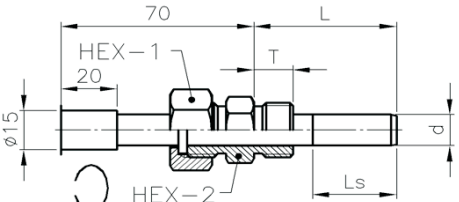
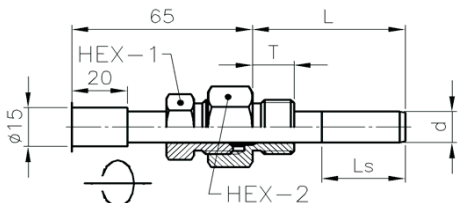
BULB LENGTH AND DIAMETER FOR RST SERIES

ORDERING CODE	STANDARD TYPE	bulb diameter d	per 100 mm STAINLESS STEEL AISI321/1.4541
A plain stem		9, 10, 12	per 100 mm
		6, 6.35, 8, 11, 12.5, 13, 14	per 100 mm
		7, 15, 16, 17, 18, 20	per 100 mm
		FOR SHORTEST SENSITIVE PART "Ls": SEE PAGE 11	

CONNECTIONS FOR RIGID STEM RST SERIES

ORDERING CODE	TYPE	DIMENSIONS					OPTION STAINLESS STEEL AISI304/1.4301
		connection	HEX-1	HEX-2	T	d max	
B coupling nut (standard model)		1/4"BSP	22	-	7	8	
		3/8"BSP	27	-	9	11	
		1/2"BSP	27	-	9	15	
		3/4"BSP	32	-	9	20	
		1"BSP	41	-	13	20	
		M18x1.5	27	-	8	12	
		M20x1.5	27	-	9	14	
		M24x1.5	32	-	9	18	
BL coupling nut (long model)		1/2"BSP	27	-	14	15	
		3/4"BSP	32	-	16	20	
		1"BSP	41	-	18	20	
C fixed nipple (standard model)		1/4"BSP	17	-	12	8	
		3/8"BSP	22	-	12	11	
		1/2"BSP	22	-	14	15	
		3/4"BSP	30	-	16	20	
		1"BSP	36	-	18	20	
		1/4"NPT	17	-	14	8	
		1/2"NPT	22	-	20	15	
		3/4"NPT	30	-	20	20	
		1"NPT	36	-	25	20	
		M18x1.5	22	-	12	12	
CL fixed nipple (long model)		1/2"BSP	22	-	20	15	
		3/4"BSP	30	-	20	20	
		1"BSP	36	-	25	20	

CONNECTIONS FOR RIGID STEM RST SERIES

ORDERING CODE	TYPE	DIMENSIONS					OPTION STAINLESS STEEL AISI304/1.4301
		connection	HEX-1	HEX-2	T	d max	
A 04 turning nipple (standard model)		1/4"BSP	17	-	12	Ø 8	
		3/8"BSP	22	-	12	Ø 11	
		1/2"BSP	22	-	14	Ø 15	
		3/4"BSP	30	-	16	Ø 20	
		1"BSP	36	-	18	Ø 20	
		M18x1.5	22	-	12	Ø 12	
		M20x1.5	22	-	14	Ø 14	
		M24x1.5	27	-	14	Ø 18	
AL04 turning nipple (long model)		1/2"BSP	22	-	20	Ø 15	
		3/4"BSP	30	-	20	Ø 20	
		1"BSP	36	-	25	Ø 20	
		1/4"BSP	27	22	12	Ø 8	
	 THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP	3/8"BSP	27	22	12	Ø 11	
		1/2"BSP	27	22	14	Ø 15	
		3/4"BSP	27	27	16	Ø 20	
		1"BSP	27	36	18	Ø 20	
		1/4"NPT	27	22	14	Ø 8	
		1/2"NPT	27	22	20	Ø 15	
		3/4"NPT	27	27	20	Ø 20	
		1"NPT	27	36	25	Ø 20	
		M18x1.5	27	22	12	Ø 12	
		M20x1.5	27	22	14	Ø 14	
		M24x1.5	27	27	14	Ø 18	
		1/4"BSP	22	27	12	Ø 8	
		3/8"BSP	22	27	12	Ø 11	
		1/2"BSP	22	27	14	Ø 15	
		3/4"BSP	22	32	16	Ø 20	
CS 3 adjustable connection, sliding on stem	 THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP	1"BSP	22	36	18	Ø 20	
		1/4"NPT	22	27	14	Ø 8	
		1/2"NPT	22	27	20	Ø 15	
		3/4"NPT	22	27	20	Ø 20	
		1"NPT	22	36	25	Ø 20	
		M18x1.5	22	27	12	Ø 12	
		M20x1.5	22	27	14	Ø 14	
		M24x1.5	22	27	14	Ø 18	
	FOR CONNECTION TYPE CS3	1/2"BSP female					
		3/4"BSP female					
		1"BSP female					

DRAWING

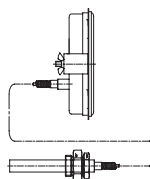
ORDERING CODE	DRAWING	DIMENSIONS mm																																															
A RSTxxxXA		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>63</th><th>80</th><th>100</th><th>160</th><th>250</th></tr><tr><td>A</td><td>65</td><td>83</td><td>101</td><td>161</td><td>252</td></tr><tr><td>B</td><td>38</td><td>37</td><td>45</td><td>45</td><td>55</td></tr><tr><td>C</td><td>13</td><td>13</td><td>13</td><td>13</td><td>13</td></tr></table>	DIM.	CASE DIAMETER					63	80	100	160	250	A	65	83	101	161	252	B	38	37	45	45	55	C	13	13	13	13	13																		
DIM.	CASE DIAMETER																																																
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A	65	83	101	161	252																																												
B	38	37	45	45	55																																												
C	13	13	13	13	13																																												
E RSTxxxXE		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>63</th><th>80</th><th>100</th><th>160</th><th>250</th></tr><tr><td>A</td><td>65</td><td>83</td><td>101</td><td>161</td><td>252</td></tr><tr><td>B</td><td>38</td><td>37</td><td>45</td><td>45</td><td>55</td></tr></table>	DIM.	CASE DIAMETER					63	80	100	160	250	A	65	83	101	161	252	B	38	37	45	45	55																								
DIM.	CASE DIAMETER																																																
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B	38	37	45	45	55																																												
T RSTxxxXT-x		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>63</th><th>80</th><th>100</th><th>160</th><th>250</th></tr><tr><td>A</td><td>65</td><td>83</td><td>101</td><td>161</td><td>252</td></tr><tr><td>B</td><td>38</td><td>37</td><td>45</td><td>45</td><td>55</td></tr><tr><td>C</td><td>13</td><td>13</td><td>13</td><td>13</td><td>13</td></tr></table>	DIM.	CASE DIAMETER					63	80	100	160	250	A	65	83	101	161	252	B	38	37	45	45	55	C	13	13	13	13	13																		
DIM.	CASE DIAMETER																																																
	63	80	100	160	250																																												
A	65	83	101	161	252																																												
B	38	37	45	45	55																																												
C	13	13	13	13	13																																												
F RSTxxxXF		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>63</th><th>80</th><th>100</th><th>160</th><th>250</th></tr><tr><td>A</td><td>65</td><td>83</td><td>101</td><td>161</td><td>252</td></tr><tr><td>B</td><td>41</td><td>40</td><td>51</td><td>51</td><td>57</td></tr><tr><td>D</td><td>86</td><td>110</td><td>132</td><td>196</td><td>285</td></tr><tr><td>F</td><td>5</td><td>5</td><td>5</td><td>5</td><td>2</td></tr><tr><td>H</td><td>3.5</td><td>4</td><td>5.5</td><td>6</td><td>6</td></tr><tr><td>P</td><td>75</td><td>95</td><td>116</td><td>178</td><td>270</td></tr></table>	DIM.	CASE DIAMETER					63	80	100	160	250	A	65	83	101	161	252	B	41	40	51	51	57	D	86	110	132	196	285	F	5	5	5	5	2	H	3.5	4	5.5	6	6	P	75	95	116	178	270
DIM.	CASE DIAMETER																																																
	63	80	100	160	250																																												
A	65	83	101	161	252																																												
B	41	40	51	51	57																																												
D	86	110	132	196	285																																												
F	5	5	5	5	2																																												
H	3.5	4	5.5	6	6																																												
P	75	95	116	178	270																																												

CRT Series, with stainless steel case according to EN 13190

STANDARD TECHNICAL SPECIFICATIONS:

CASE	: bayonet lock, AISI304/1.4301, IP-65
CAPILLARY TUBE	: see page 12 (upto 100 meters)
STEM AND BULB	: AISI321/1.4541, see page 7
CONNECTION	: AISI304/1.4301, see page 7
WINDOW	: mineral glass 4 mm
DIAL	: aluminium, black figures on white
POINTER	: aluminium, black
RANGES	: from -200 upto +800°C, see page 13

EXAMPLE:



CRT160XH

ADJUSTMENT	: +/- 6 % F.S. with adj. screw at the side
OVERLOAD	: up to 30% F.S. (but max. 800°C)
ACCURACY	: ±1% F.S. / class 1
MOVEMENT	: brass
OPTIONS	: see page 14
CONTACTS	: see page 15 - 21

Dial Size

ORDERING CODE	DIAL SIZE
063	63 mm
080	80 mm
100	100mm
160	160mm
250	250mm

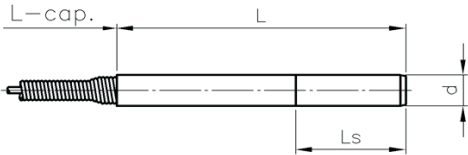
Configuration

ORDERING CODE	TYPE	CASE DIAMETER (Φ in mm)				
		63	80	100	160	250
A		CRT063XA	CRT080XA	CRT100XA	CRT160XA	CRT250XA
B		CRT063XB	CRT080XB	CRT100XB	CRT160XB	CRT250XB
D		CRT063XD	CRT080XD	CRT100XD	CRT160XD	CRT250XD
F		CRT063XF	CRT080XF	CRT100XF	CRT160XF	CRT250XF
G		CRT063XG	CRT080XG	CRT100XG	CRT160XG	CRT250XG
H		CRT063XH	CRT080XH	CRT100XH	CRT160XH	CRT250XH
I		CRT063XI	CRT080XI	CRT100XI	CRT160XI	CRT250XI

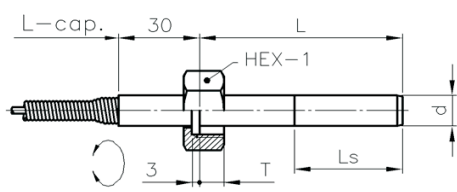
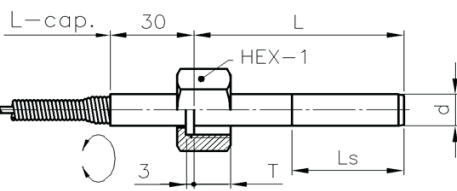
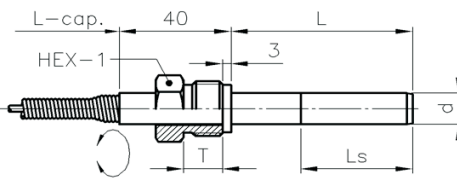
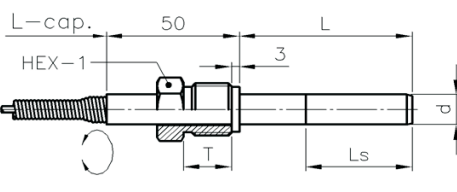
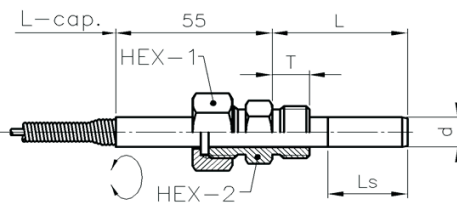
OPTION (see also page 14) for CONFIGURATION

Lx	LIQUID FILLED CASE: GLYCERINE (in combination with electrical device: Ondina oil, (see Thermowells catalogue)	CRT063Lx	CRT080Lx	CRT100Lx	CRT160Lx	CRT250Lx
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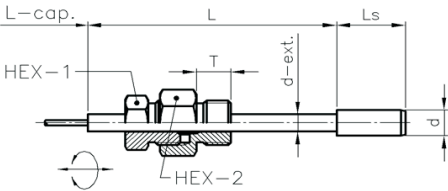
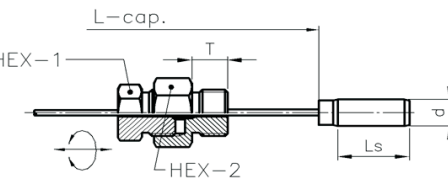
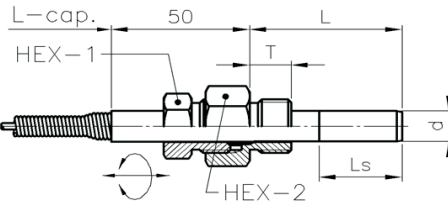
BULB LENGTH AND DIAMETER FOR CRT SERIES

ORDERING CODE	STANDARD TYPE	bulb diameter d	EXTRA COSTS per 100 mm STAINLESS STEEL AISI321/1.4541
A plain stem	 FOR SHORTEST SENSITIVE PART "Ls": SEE PAGE 11	9, 10, 12	per 100 mm
		6, 6.35, 8, 11, 12.5, 13, 14	per 100 mm
		7, 15, 16, 17, 18, 20	per 100 mm
		FOR OPTIONS ON BULB LENGTH AND DIAMETER: SEE PAGE 7	

CONNECTIONS FOR CAPILLARY CRT SERIES

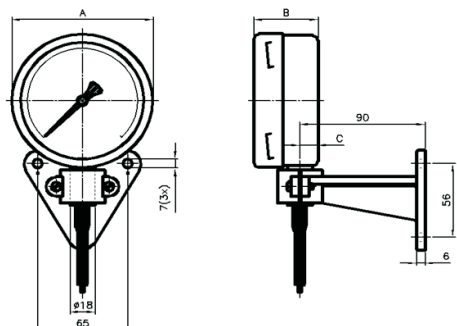
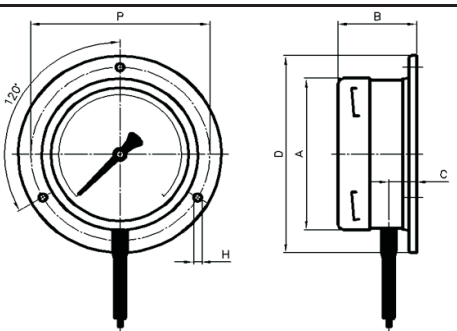
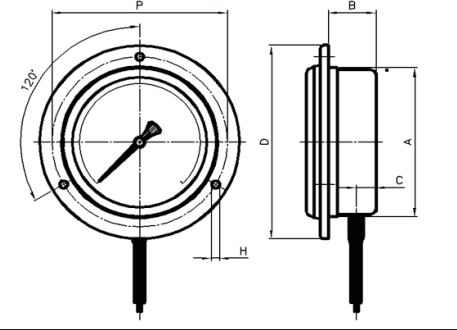
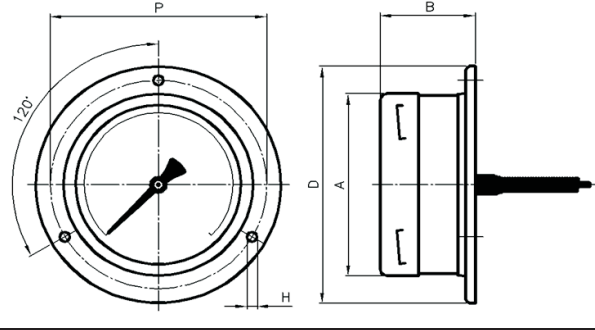
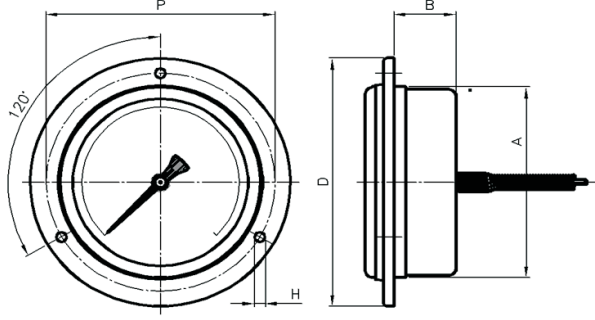
ORDERING CODE	TYPE	DIMENSIONS					EXTRA COSTS
		connection	HEX-1	HEX-2	T	d max	STAINLESS STEEL AISI304/1.4301
B coupling nut (standard model)		1/4"BSP	22	-	7	8	
		3/8"BSP	27	-	9	11	
		1/2"BSP	27	-	9	15	
		3/4"BSP	32	-	9	20	
		1"BSP	41	-	13	20	
		M18x1.5	27	-	8	12	
		M20x1.5	27	-	9	14	
		M24x1.5	32	-	9	18	
BL coupling nut (long model)		1/2"BSP	27	-	14	15	
		3/4"BSP	32	-	16	20	
		1"BSP	41	-	18	20	
A04 turning nipple (standard model)		1/4"BSP	17	-	12	8	
		3/8"BSP	22	-	12	11	
		1/2"BSP	22	-	14	15	
		3/4"BSP	30	-	16	20	
		1"BSP	36	-	18	20	
		M18x1.5	22	-	12	12	
		M20x1.5	22	-	14	14	
		M24x1.5	27	-	14	18	
AL04 turning nipple (long model)		1/2"BSP	22	-	20	15	
		3/4"BSP	30	-	20	20	
		1"BSP	36	-	25	20	
B 01 coupling nut + double nipple		1/4"BSP	27	22	12	8	
		3/8"BSP	27	22	12	11	
		1/2"BSP	27	22	14	15	
		3/4"BSP	27	27	16	20	
		1"BSP	27	36	18	20	
		1/4"NPT	27	22	14	8	
		1/2"NPT	27	22	20	15	
		3/4"NPT	27	27	20	20	
		1"NPT	27	36	25	20	
		M18x1.5	27	22	12	12	
		M20x1.5	27	22	14	14	
		M24x1.5	27	27	14	18	

CONNECTIONS FOR CAPILLARY CRT SERIES

ORDERING CODE	TYPE	DIMENSIONS					STAINLESS STEEL AISI304/1.4301
		connection	HEX-1	HEX-2	T	d max	
CS 1 adjustable connection, sliding on extension tube	 THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP	1/4"BSP	22	27	12	Φ11	
		3/8"BSP	22	27	12	Φ14	
		1/2"BSP	22	27	14	Φ18	
		3/4"BSP	22	32	16	Φ23	
		1"BSP0	22	36	18	Φ30	
		1/4"NPT	22	27	14	Φ13	
		1/2"NPT	22	27	20	Φ20	
		3/4"NPT	22	27	20	Φ25	
		1"NPT	22	36	25	Φ32	
		M18x1.5	22	27	12	Φ16	
		M20x1.5	22	27	14	Φ18	
		M24x1.5	22	27	14	Φ22	
CS 2 adjustable connection, sliding on capillary	 THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP	1/4"BSP	22	27	12	Φ11	
		3/8"BSP	22	27	12	Φ14	
		1/2"BSP	22	27	14	Φ18	
		3/4"BSP	22	32	16	Φ23	
		1"BSP	22	36	18	Φ30	
		1/4"NPT	22	27	14	Φ13	
		1/2"NPT	22	27	20	Φ20	
		3/4"NPT	22	27	20	Φ25	
		1"NPT	22	36	25	Φ32	
		M18x1.5	22	27	12	Φ16	
		M20x1.5	22	27	14	Φ18	
		M24x1.5	22	27	14	Φ22	
CS 3 adjustable connection, sliding on stem	 THREAD BETWEEN HEX-1 and HEX-2: 1/2"BSP	1/4"BSP	22	27	12	Φ 8	
		3/8"BSP	22	27	12	Φ11	
		1/2"BSP	22	27	14	Φ15	
		3/4"BSP	22	32	16	Φ20	
		1"BSP	22	36	18	Φ20	
		1/4"NPT	22	27	14	Φ 8	
		1/2"NPT	22	27	20	Φ15	
		3/4"NPT	22	27	20	Φ20	
		1"NPT	22	36	25	Φ20	
		M18x1.5	22	27	12	Φ12	
		M20x1.5	22	27	14	Φ14	
		M24x1.5	22	27	14	Φ18	
FOR CONNECTION TYPE CS3		1/2"BSP female					
		3/4"BSP female					
		1"BSP female					

CRT Capillary Dial Thermometer

DRAWING

ORDERING CODE	DRAWING	DIMENSIONS mm																																															
A CRTxxxXA		<table><tr><th rowspan="2">DIM.</th><th colspan="5">CASE DIAMETER</th></tr><tr><th>63</th><th>80</th><th>100</th><th>160</th><th>250</th></tr><tr><td>A</td><td>65</td><td>83</td><td>101</td><td>161</td><td>252</td></tr><tr><td>B</td><td>38</td><td>37</td><td>45</td><td>45</td><td>55</td></tr><tr><td>C</td><td>13</td><td>13</td><td>13</td><td>13</td><td>13</td></tr></table>	DIM.	CASE DIAMETER					63	80	100	160	250	A	65	83	101	161	252	B	38	37	45	45	55	C	13	13	13	13	13																		
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DRAWING

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SHORTEST SENSITIVE LENGTH OF THERMOMETERS WITHOUT CONTACT

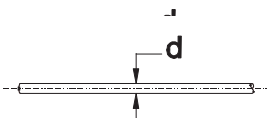
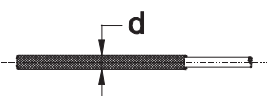
Others on demand

DIAMETER AND LENGTH OF SENSITIVE PART mm (Ls)

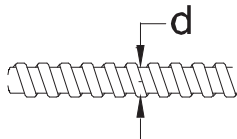
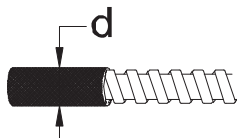
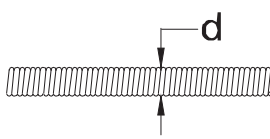
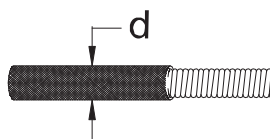
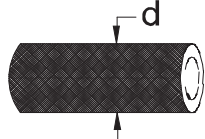
Others on demand

SHORTEST SENSITIVE LENGTH OF THERMOMETERS WITHOUT CONTACT

CAPILLARY SPECIFICATIONS CAPILLARY MATERIAL

ORDERING CODE	MATERIAL	TYPE	Ø d	Tmin	Tmax	CAPILLARY LENGTH Lc	
			(mm)	°C			
CS	STAINLESS STEEL AISI321 / 1.4541		2	-260	+800	per 1000 mm	
CP	STAINLESS STEEL AISI321 / 1.4541 + PVC		4	-60	+120	per 1000 mm	

CAPILLARY COVERINGS for above mentioned capillary

ORDERING CODE	MATERIAL	TYPE	Ø d	Tmin	Tmax	CAPILLARY LENGTH Lc	
			(mm)	°C		FIRST 1000 MM	FURTHER PER 1000 MM
SS	FLEXIBLE STAINLESS STEEL AISI304/1.4301		6	-260	+800		
SP	FLEXIBLE STAINLESS STEEL AISI304/1.4301 +PVC		7,5	-60	+120		
LS	FLEXIBLE STAINLESS STEEL AISI316/1.4401		6	-260	+800		
LP	FLEXIBLE STAINLESS STEEL AISI316/1.4401 +PVC		7,5	-60	+120		
PB	PLUMB (Pb)		16	-20	+200		

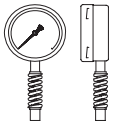
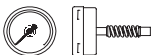
Insert Gas Filled Thermometer. Scale Ranges

TEMPERATURE RANGES for RST Series and CRT Series

TEMPERATURE RANGE								
(in °C)		SCALE DIVISION		CASE DIMENSIONS (in mm)				
		cl. 1	option cl. 0.6	Φ63	Φ80	Φ100	Φ160	Φ260
-200	...+50	5	2					
-120	...+40	2	1					
-110	...+50	5	1					
-100	...+100	5	1					
-100	...+50	5	1					
-80	...+40	2	1					
-60	...+40	2	0.5					
-60	...+60	2	1					
-50	...+50	2	0.5					
-50	...+100	5	1					
-40	...+20	1	0.5					
-40	...+40	1	0.5					
-40	...+60	2	0.5					
-40	...+80	2	1					
-40	...+110	5	1					
-40	...+120	2	0.5					
-40	...+160	5	1					
-30	...+30	1	0.5					
-30	...+50	1	0.5					
-30	...+70	2	0.5					
-30	...+170	5	1					
-20	...+40	1	0.5					
-20	...+60	1	0.5					
-20	...+80	2	0.5					
-20	...+100	2	1					
-20	...+120	2	1					
-20	...+180	5	1					
-15	...+45	1	0.5					
-10	...+15	0.5	0.2					
-10	...+30	1	0.2					
-10	...+50	1	0.5					
-10	...+110	2	1					
-10	...+150	5	1					
0	...+25	0.5	0.2					
0	...+40	1	0.2					
0	...+60	1	0.5					
0	...+80	1	0.5					
0	...+100	2	0.5					
0	...+120	2	1					
0	...+160	5	1					
0	...+200	5	1					
0	...+250	5	2					
0	...+300	5	2					
0	...+400	10	2					
0	...+500	10	5					
0	...+600	10	5					
0	...+700	10	5					
0	...+800	10	5					

OTHER RANGES ON DEMAND

OPTIONS FOR THERMOMETERS

OPTION		CASE DIAMETER (Ø in mm)				
		63	80	100	160	250
SILICONE OIL FILLING	AGAINST HEAVY VIBRATIONS					
CASE MATERIAL AISI316/1.4401 (i.o. AISI304/1.4301)	CASE + BAYONETRING FRONT -OR BACKFLANGE	N.A.	N.A.			N.A.
ANTI-VIBRATIONSPRING for model: RST, Type A and E SEE ALSO RST-DIESEL +AVS	A  E 	+AVS	+AVS	+AVS	+AVS	+AVS
PLEXIGLASS	PMMA					
"SECURIT" GLASS	SAFETY GLASS					
DRAG POINTER	RESETABLE WITH KEY					
DRAG POINTER IN COMBINATION WITH CONTACT	RESETABLE WITH KEY ONLY FOR "HZ" CONTACTS	N.A.	N.A.			N.A.
OVERLOAD RESISTANCE EXECUTION	OVERLOAD POSSIBLE UPTO 100% DEPENDING ON RANGE MAXIMUM +800°C					
STAINLESS STEEL MOVEMENT	AISI304/1.4301					
MICROMETER POINTER	ADJUSTABLE POINTER					
BLOW OUT	REQUIRED FOR ATEX					

WQ Series Hz (low hysteresis)

STANDARD TECHNICAL SPECIFICATIONS

INSTRUMENT	: class 1
MINIMAL RANGE	: 60 C
CONNECTOR	: cable junction box, SEE BELOW
HYSTERESIS	: max. 1% up and down
SETPOINT(S)	: from outside
WINDOW	: PMMA - plexiglass
POINTER	: micro adjustable
CONTACT POINTER(S)	: first red, (second yellow)

ELECTRICAL SWITCH CAPACITY

125 Vac	: 5A (ind. load 3A)
250 Vac	: 3A (ind. load 2A)
DC 30 V	: 5A (ind. load 3A)
DC 125 V	: 0.4A (ind. load 0,4A)
DC 250 V	: 0.2A (ind. load 0,2A)

example: CRT100XB + WQ - 33 Hz



Class 1 and 5 Amp!!

CONTACT ORDERING CODE	SWITCH FUNCTION	CABLE JUNCTION BOX	CASE DIMENSIONS	
			100	160
WQ - 3 Hz* *Potential free <i>SPDT</i>		 Hirschmann		
WQ - 33 Hz* *Potential free <i>DPDT</i>		 Wiebrock		
OPTION				
SETPOINT	FIXED SETPOINT (without setpoint adjustment)		0	0
LIQUID FILLING NOT POSSIBLE WITH MICROSWITCH				

WM SERIES Hz

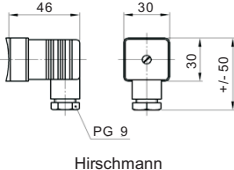
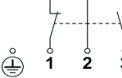
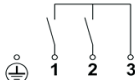
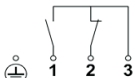
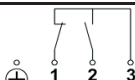
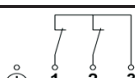
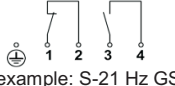
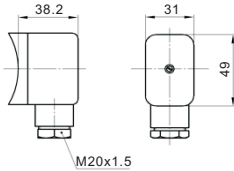
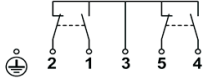
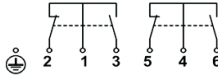
INSTRUMENT	: class 1
MINIMAL RANGE	: 60 °C
CONNECTOR	: cable junction box, SEE BELOW
HYSTERESIS	: max. 1% up and down
SETPOINT(S)	: from outside with key
WINDOW	: PMMA - plexiglass
POINTER	: black (adjustable)
CONTACT POINTER(S)	: red

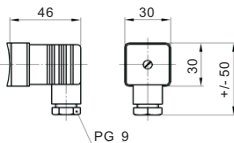
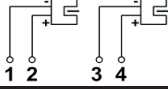
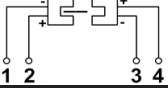
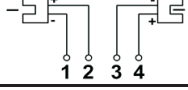
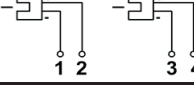
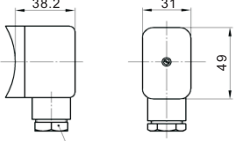
ELECTRICAL SWITCH CAPACITY

AC	: 50 VA (max. 250V)
DC	: 30 W (max. 250V)

example:

RST100XA
+ WM-12 Hz

CONTACT ORDERING CODE	SWITCH FUNCTION	CABLE JUNCTION BOX	CASE DIMENSIONS	
			100	160
WM-1 Hz* *Potential free				
WM-2 Hz* *Potential free				
WM-3 Hz* *Potential free				
WM-11 Hz				
WM-12 Hz				
WM-21 Hz				
WM-22 Hz				
WM-xx Hz +GS* *Potential free example: S-21 Hz GS	 example: S-21 Hz GS			
WM-33 Hz				
WM-33 Hz+GS* *Potential free				
WM-xxx Hz	functions to be specified at order			
WM-xxxx Hz	functions to be specified at order			
OPTION				
Lx	LIQUID FILLED CASE (ONDINA)			

WI SERIES Hz				
INSTRUMENT		: class 1		
MINIMAL RANGE		: 60 °C		
CONNECTOR		: cable junction box, SEE BELOW		
HYSTERESIS		: max. 1% up and down		
SETPOINT(S)		: from outside with key		
WINDOW		: PMMA - plexiglass		
POINTER		: black (adjustable)		
CONTACT POINTER(S)		: red		
ELECTRICAL SWITCH CAPACITY				
Nominal voltage		: 8V (Ri=1 Kohm)		
Explosion proof		: EEx ia II C T6		
Regulations		: EN 60947-5-2		
		example: RST100XA + I-12 Hz 		
CONTACT ORDERING CODE	SWITCH FUNCTION OPERATING CURRENT	CABLE JUNCTION BOX	CASE DIMENSIONS	
			100	160
WI-1 Hz Si 2-K08-Y1 (Turck)		 PG 9 Hirschmann		
WI-2 Hz Si 2-K08-Y1 (Turck)				
WI-x Hz+2SN SJ 2 SN (Pepperl+Fuchs)	or			N.A.
WI-x Hz+3.5SN SJ 3.5 SN (Pepperl+Fuchs)	or		N.A.	
WI-11 Hz Si 2-K08-Y1 (Turck)				
WI-12 Hz Si 2-K08-Y1 (Turck)				SJ3.5N
WI-21 Hz Si 2-K08-Y1 (Turck)				SJ3.5N
WI-22 Hz Si 2-K08-Y1 (Turck)				
WI-xx Hz+2SN SJ 2 SN (Pepperl+Fuchs)	function to be specified at order			N.A.
WI-xx Hz+3.5SN SJ 3.5 SN (Pepperl+Fuchs)	function to be specified at order		 M20x1.5 Wiebrock	N.A.
WI-xxx Hz Si 2-K08-Y1 (Turck)	function to be specified at order	O.D.		O.D.
WI-xxxx Hz Si 2-K08-Y1 (Turck)	function to be specified at order	O.D.		O.D.
OPTION				
Lx	LIQUID FILLED CASE (ONDINA)			

example:

RST100XA
+ I-12 Hz

WE SERIES Hz				
INSTRUMENT		: class 1		
MINIMAL RANGE		: 60 °C		
CONNECTOR		: cable junction box, SEE BELOW		
HYSTERESIS		: max. 1% up and down		
SETPPOINT(S)		: from outside with key		
WINDOW		: PMMA - plexiglass		
POINTER		: black (adjustable)		
CONTACT POINTER(S)		: red		
ELECTRICAL SWITCH CAPACITY				
Nominal voltage		: 10...30 V dc		
Proximity sensor		: Si-K08-AP6 (Turck)		
Output		: 3-wire, PNP		
Regulations		: EN 60947-5-2		
CONTACT ORDERING CODE	SWITCH FUNCTION	CABLE JUNCTION BOX	CASE DIMENSIONS	
			100	160
WE-1 Hz		 Hirschmann		
WE-2 Hz				
WE-11 Hz				
WE-12 Hz				
WE-21 Hz				
WE-22 Hz				
WE-xxx Hz	function to be specified with order	 M20x1.5 Wiebrock	O.D.	O.D.
WE-xxxx Hz	function to be specified with order		O.D.	O.D.
OPTION				
Lx	LIQUID FILLED CASE (ONDINA)			

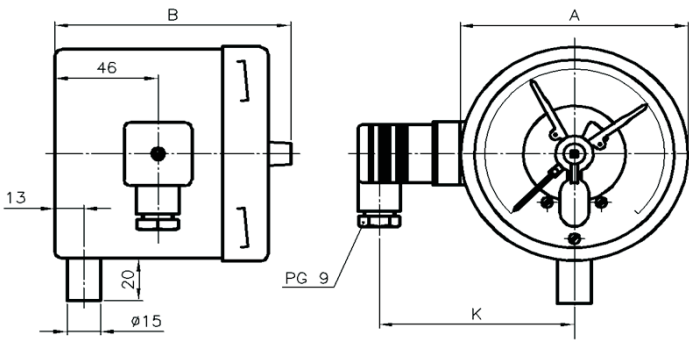
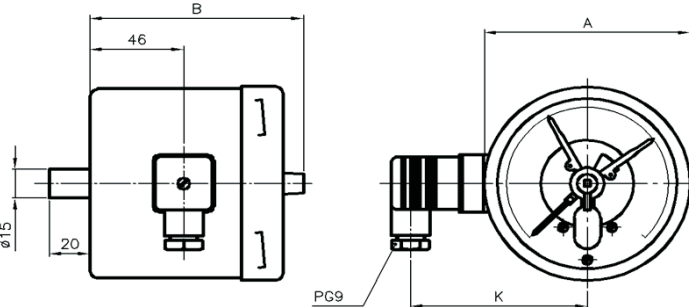
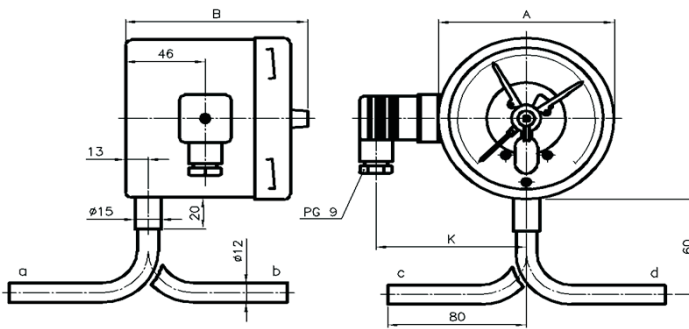
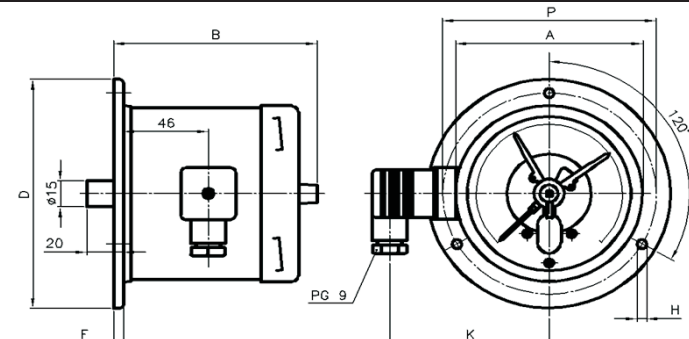
example:

RST100XA
+ WE-12 Hz

example:

RST100XA
+ WE-12 Hz

THERMOMETERS RST SERIES WITH CONTACT

ORDERING CODE	DRAWING	DIMENSIONS mm																										
A RSTxxxXA Hirschman cable junction box		<table> <tr> <th rowspan="2">DIM.</th><th colspan="2">CASE DIAMETER</th></tr> <tr> <th>100</th><th>160</th></tr> <tr> <td>A</td><td>101</td><td>161</td></tr> <tr> <td>B</td><td>104</td><td>108</td></tr> <tr> <td>K</td><td>92</td><td>122</td></tr> </table>	DIM.	CASE DIAMETER		100	160	A	101	161	B	104	108	K	92	122												
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Capillary Dial Thermometer (CRT SERIES) with Contact

THERMOMETERS CRT SERIES WITH CONTACT

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Capillary Dial Thermometer (CRT SERIES) with Contact

THERMOMETERS CRT SERIES WITH CONTACT

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