

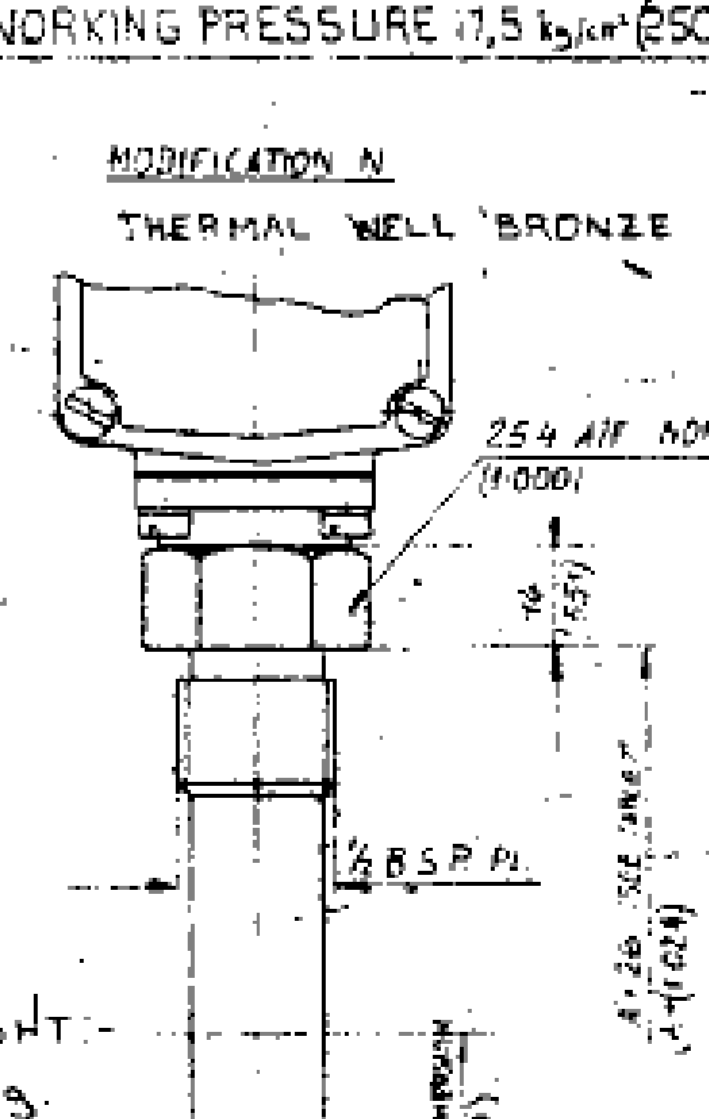
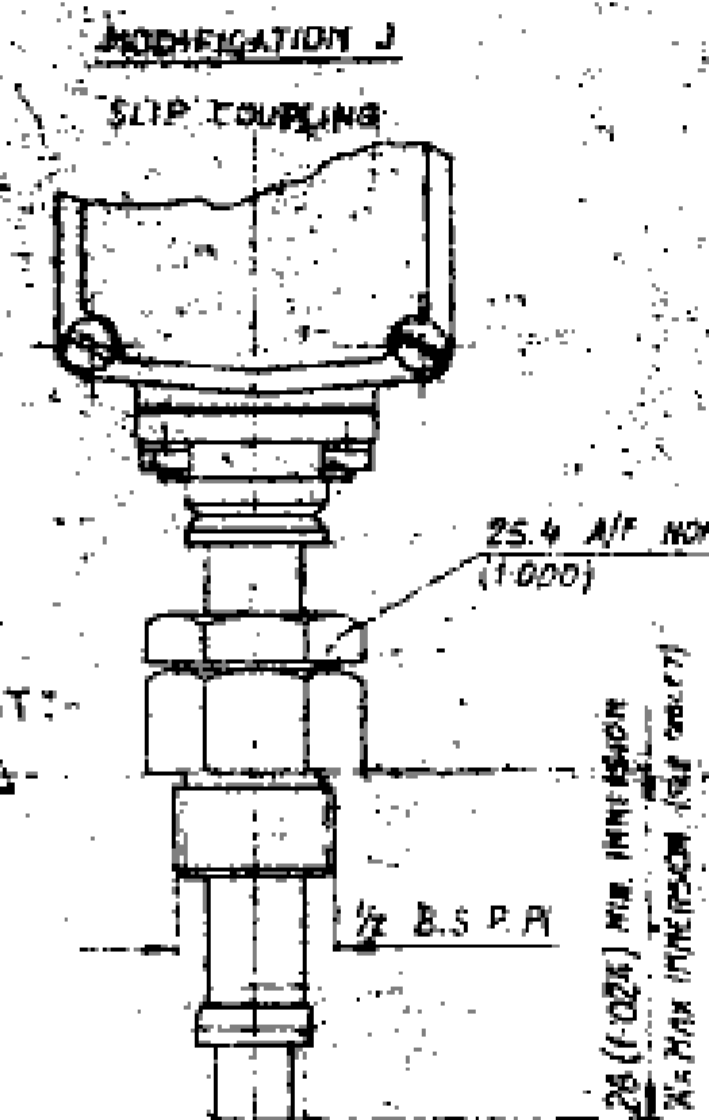
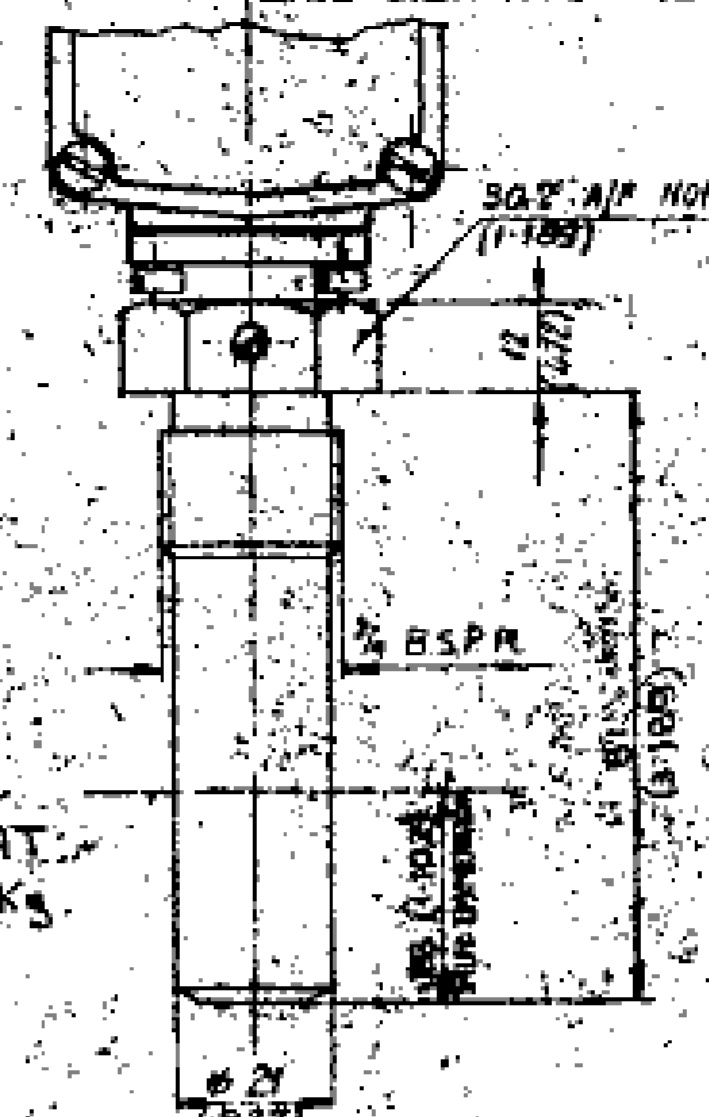
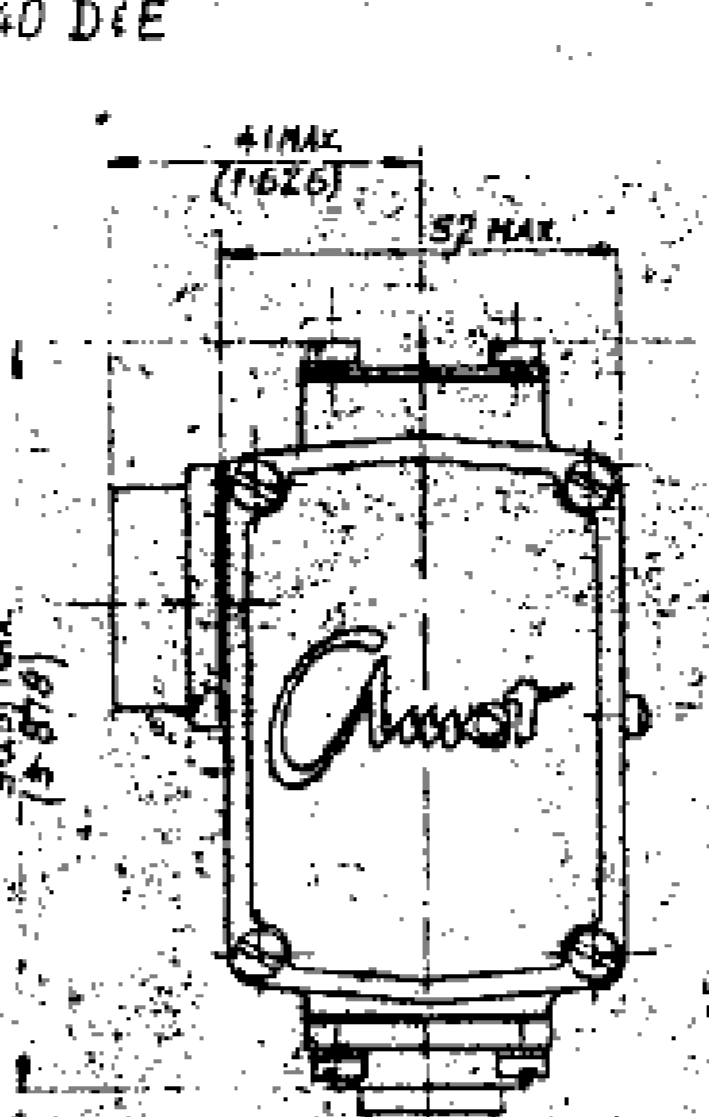
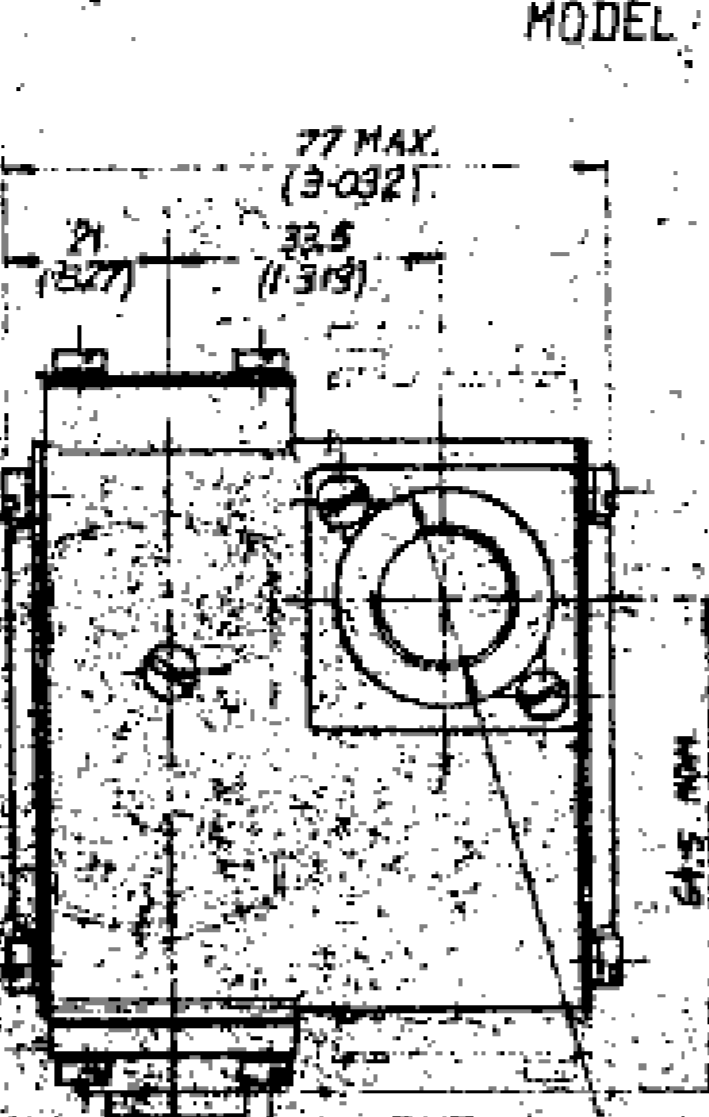
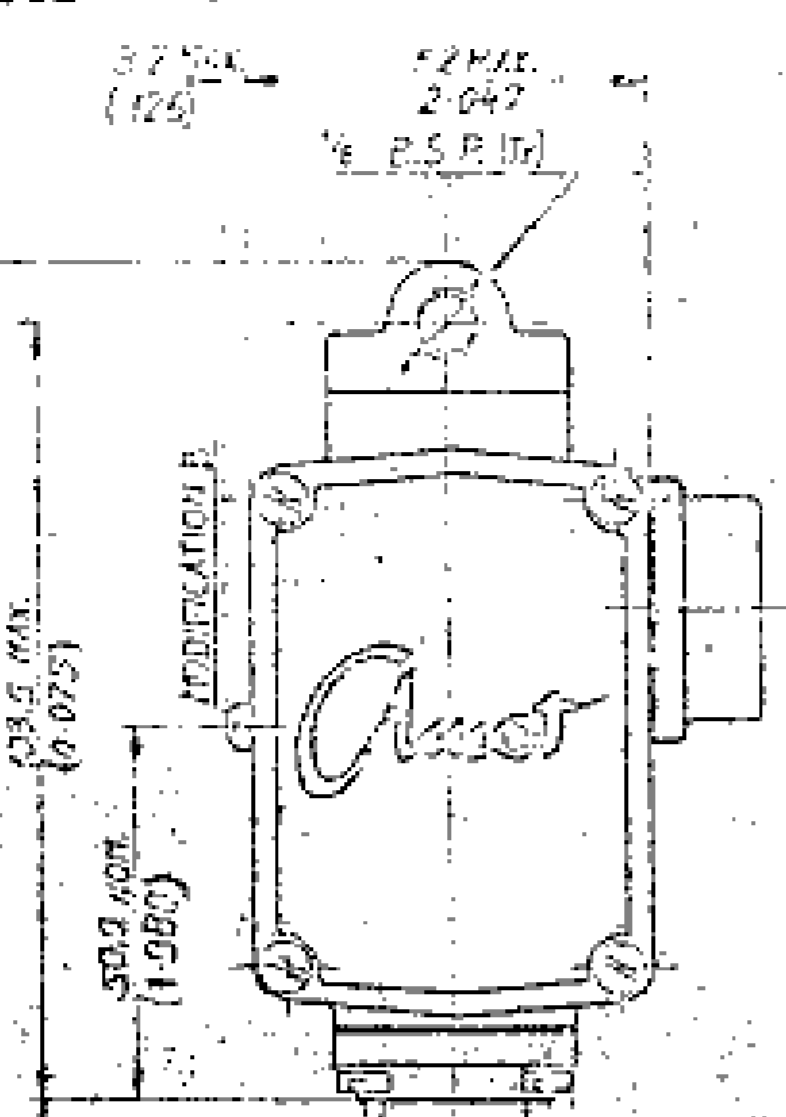
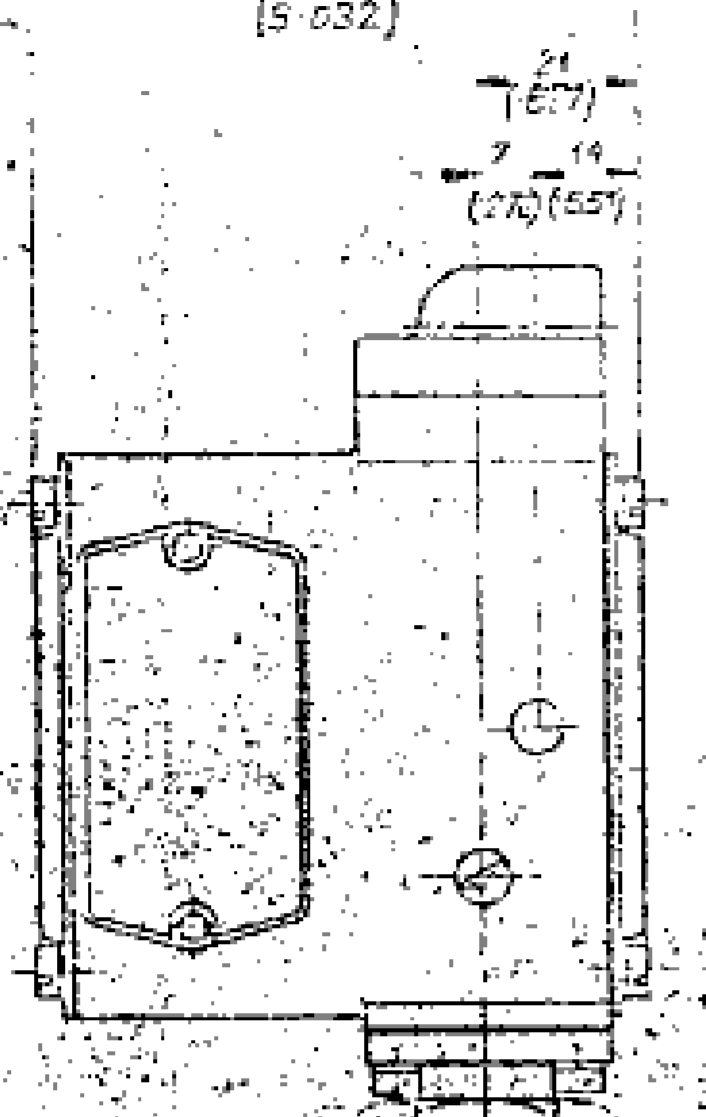
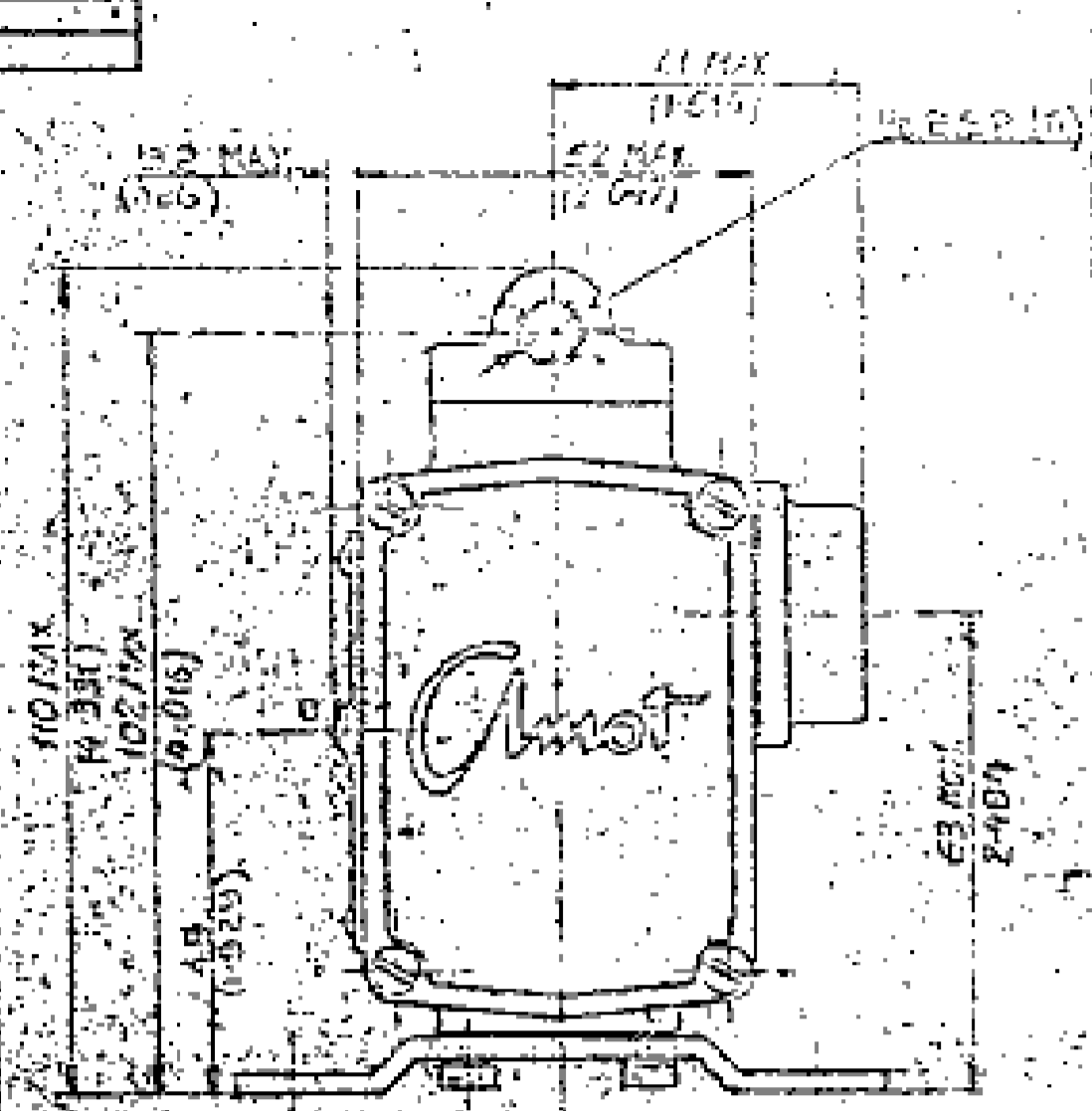
MODEL: 4140 C&F

DIMENSIONS IN MILLIMETRES  
(INCHES IN BRACKETS)  
MODEL: 4140 A

IF IN DOUBT ASK  
THIRD ANGLE PROJECTION  
MODEL: 4140 D&E

MODIFICATION C  
THERMAL WELL, STAINLESS STEEL  
EXTENSION NP 1 ONLY.

DRG. No.	40850
CHANGE	
1	ALL 10085
2	CIN 10183
3	CIN 10185
4	CIN 10181
5	CIN 10182
6	CIN 10184
7	Modif. con Test in Ambiente Modif. con Test in Ambiente
8	Modif. con Test in Ambiente
9	Modif. con Test in Ambiente
10	Modif. con Test in Ambiente



NET WEIGHT APPROX. 0,45 kg (1 lb)

NET WEIGHT (APPROX) 0,55 kg (1.3 lb)

NET WEIGHT (APPROX) 0,48 kg (1.1 lb)

**NOTES:**  
1/ MODELS 4140 D (WHEN FITTED MOD. C OR N) & 4140 C ARE GERMANISCHER LLOYD, BUREAU-VERITAS, DET. NORSKE VERITAS & LLOYDS APPROVED.  
2/ UNITS CALLING FOR RANGE 5 WILL BE FITTED WITH THE HIGH TEMPERATURE MICROSWITCH.

CODE	FUNCTION
A	1-STEP PRESS./1-STEP TEMP.
C	1-STEP PRESSURE
D	1-STEP TEMPERATURE
E	2-STEP TEMPERATURE
F	2-STEP PRESSURE

RANGE	SETTING RANGE	TEMPERATURE DIFFERENTIAL	CHANGE PER DEG.	MAXIMUM OPERATING TEMPERATURE
1	16-54°C (60-130°F)	2-4°C (3-7°F)	1/4°C (1/2°F)	98°C (210°F)
2	49-77°C (120-170°F)	15-30°C (59-86°F)	1/5°C (1/9°F)	93°C (210°F)
3	66-87°C (150-190°F)	15-30°C (59-86°F)	1/5°C (1/9°F)	102°C (215°F)
4	83-104°C (180-220°F)	15-30°C (59-86°F)	1/5°C (1/9°F)	110°C (230°F)
5	99-123°C (225-255°F)	35-70°C (95-158°F)	1/10°C (1/18°F)	128°C (262°F)

VOLTAGE	AC		DC	
	RES.-INDIC. TYPE	RES.-INDIC. TYPE	RES.-INDIC. TYPE	RES.-INDIC. TYPE
UP TO 15	—	—	15A	15A
30	—	—	5	5
50	—	—	125	125
75	—	—	0.75	0.30
125	15A	15A	0.50	0.05
250	15	15	0.25	0.05
380	15	5	—	—
480	15	4	—	—

CODE	THREAD - STANDARD
1	1/4 B.S.C.
2	1/2 N.P.T.
3	P.G. 11
4	P.G. 13.5
5	P.G. 16
6	M 24 x 1.5

LETTER	FUNCTION
A	NO MODIFICATION REQD.
B	MANUAL OVERRIDE
C	THERMAL WELL (2 B.S.P.R.)
D	SALT WATER TREATMENT
E	MODS. P & C COMBINED
F	MODS. B & D
G	MODS. B & C & D
H	MODS. C & D
J	SLIP COUPLING (2 B.S.P.R.)
K	MODS. B & J COMBINED
L	MODS. D & J
M	MODS. B & D
N	THERMAL WELL (2 B.S.P.R.)
P	MODS. B & N COMBINED
Q	MODS. D & N
R	MODS. B & D & N
S	SLIP COUPLING (P19-15)

CODE	LENGTH A
1	50 (1.969)
2	70 (2.756)
3	—
4	—
5	—
6	—
7	—
8	—
9	—
10	—
11	—
12	—
13	—
14	—
15	—
16	—

PRESSURE RANGE NUMBER	UNITS	4140A		4140C		4140E		4140F		4140G		TRIP OUT PRESSURE
		MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	MIN.	MAX.	
1	Kg/cm <sup>2</sup>	0.2	3.5	0.2	3.8	0.25	1.0	0.2	0.42	2.5	0.42	0.4
	P.S.I.	3	51	6	54	5	15	3	6	35	6	
2	Kg/cm <sup>2</sup>	2.5	7.0	2.8	7.3	0.7	1.4	0.35	0.7	2.5	0.84	0.84
	P.S.I.	35	100	40	105	10	20	5	10	35	12	
3	Kg/cm <sup>2</sup>	5.3	21.5	7.7	23	1.4	3.0	1.4	2.1	3.2	2.8	4.0
	P.S.I.	90	305	110	325	20	42	20	30	42	40	
4	Kg/cm <sup>2</sup>	20.5	51	24.5	54	4.2	9.4	4.0	5.0	5.0	11	11
	P.S.I.	290	725	330	770	60	90	57	72	800	160	

**MODEL CODING**  
MODEL CODING MUST ALWAYS CONSIST OF 12 DIGITS.  
4140 000000  
MODIFICATION (TABLE 6)  
CONDUIT THREAD (TABLE 5)  
PRESSURE RANGE (TABLE 3) (IF NOT APPLICABLE)  
TEMPERATURE RANGE (TABLE 2) (IF NOT APPLICABLE)  
EXTENSION N° (TABLE 7) (FOR PRESS. ONLY)  
TYPE (TABLE 1)  
BASIC MODEL N°

AMOT CONTROLS LTD  
ELTON WORKS  
WESTERN WAY  
BURY ST. EDMUNDS  
SUFFOLK ENGLAND

TOLERANCES  
UNLESS OTHERWISE STATED:  
DIM. IN BASIC MM.  
DIM. TO ONE PLACE DEC.  
DIM. TO TWO PLACE DEC.  
SURFACE FINISH  
REMOVE SHARP CORNERS

MATL.  
SPEC.  
FINISH  
SPEC.  
SURFACE FINISH  
FINISH

DRAWN JAC  
TREC  
CHD  
APPR. E.P.  
SCALE 1:1  
DATE 2.7.73

OUTLINE  
MODEL 4140 A,C,D,E,F

DRG. No. 40850

TERMOSTATO A DOPPIO CONTATTO  
tipo AMOT  
Aln Loc. MAN.  
Scalo F.S. Servizio Materiale e Trazione Ufficio Studi Isoniche DIS. N° 2738457  
Note sulla compilazione  
VARIAZIONI  
RISTICO GRUPPO DI APPROPRIETA  
A. G. Posizione d'archivio:  
m° 0.51