MODS.
H7794/0
19.4.91
H7950
21.1.92

PRODUCT DESCRIPTION.

EDT 2702. 3 PORT VALVE.

GENERAL CHARACTERISTICS.

CONTROL MEDIUM: LOW PRESSURE WATER.

MAX. WATER TEMPERATURE (CONTINUOUS) 93°C

MIN. WATER TEMPERATURE 2°C

MAX. INTERNAL PRESSURE. 10.06 BAR.

MAX. DIFFERENTIAL PRESSURE 0.70 BAR.

FLOW RATE: PORT A OR PORT B. = 8.7 Kv
MID POSITION = 10.9 Kv

29 JAN 1992

THIRD ANGLE PROJECTION

DRAWING CONFORMS TO B.S. 308

LIMITS: Unless otherwise specified

±0.1mm (0.00)	±.005" Dec. Dims.
±0.4mm (0.0)	±1/64" Frac. Dims.
±0.05mm Hole Crs.	±.002" Hole Crs.
+0.07mm −0.00mm Hole Dias.	+.003" −.000" Hole Dias.

±2° Angles

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DIMENSIONS
SCALE
DRAWN BY A.R.
CH'D BY
DATE 9.4.91
MATERIAL
SPEC.
FINISH

SUNVIC CONTROLS LTD
LODDINGSTON - G71 6NP - SCOTLAND

TITLE
PRODUCT DESCRIPTION.

INSTR. REF.

PART/CODE OR DRG. No.	CH. No.
ZZ 61298 (SHEET 1)	1

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MODS.	
H7763	0
26/4/91	
H7815	1
28/6/91	

3 PORT DIVERTER VALVE TYPES FDT, EDT, DT

General Characteristics

The valve is a three port diverter valve for the flow control of low pressure hot and cold water. The twin self cleaning shoes ensure a good shut off when closed, particularly in water temperatures above 40°C.

Valves are suitable for use with SD actuators.

Minimum water temperature	2°
Maximum water temperature (continuous)	93°C
Absolute maximum water temperature (transient fault conditions)	110°C
Maximum Internal Pressure	10.6 bar
Maximum Differential Pressure	0.7 bar

Allowable let-by in water @ 40°C 0.2 - 0.7 bar is less than 2 ml/min.

TORQUE - ASSEMBLED VALVE

The torque shall not exceed 12 oz. in. when shoes lie between ports and 18 oz. in. when shoe rises out of port.

THIRD ANGLE PROJECTION	DRAWN BY AM°G	SUNVIC CONTROLS LTI
DRAWING CONFORMS TO B.S. 308	CH'D BY	UDDINGSTON - G71 6NP - SCOTLAN
LIMITS: Unless otherwise specified	APP'D BY	
±2° Angles; ±0·1 mm (0·00); ±0·4 mm (0·0); ±0·05mm Hole Crs.; +0·07mm −0·00mm Hole Dias.; ± ·005" Dec. Dims.; ± 1/64" Frac. Dims.; ± ·002" Hole Crs.; + ·003" − ·000" Hole Dias.	DATE 28/6/91	TITLE INSTRUMENT SPECIFICATION FDT, EDT & DT VALVES
	SCALE –	
	DIMENSIONS	
	MATERIAL	INST. REF.
	SPEC.	PART/CODE OR DRG. No. CH.
	FINISH	61293 Page 1 of 2

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