



CONNECTOR IN BASE OF LOAD CELL.
MATING CONNECTOR ENTERS THROUGH
HOLE IN BASE PLATE.
LEMO CONNECTOR OR EQUIVALENT

AXIS	CAPACITY	OUTPUT @ CAPACITY
FX	300 kN	1.3 mV/V NOMINAL

OVERLOAD CAPACITY: 500 kN
 MOMENT CAPACITY 18 kN-m
 NON-LINEARITY < 1% OF FULL SCALE
 HYSTERESIS < 1% OF FULL SCALE
 OFF AXIS SENSITIVITY/CROSSTALK < 5% OF FULL SCALE
 STIFFNESS > 5,000,000 kN/m
 FREQUENCY RESPONSE: EXCEEDS J211/1 CFC 60
 TEMPERATURE RANGE: 25°F TO 125°F

MATERIAL: HARDENED CHROMIUM-MOLYBDENUM STEEL
 NICKEL PLATED
 MASS: 10.5 kg

BARRIER LOAD CELL			
SCALE: .75X	UNLESS OTHERWISE SPECIFIED		DRAWN BY: C.R.M.
DATE: 13FEB03	TWO PLACE DECIMALS ± .010	SURFACE FINISH 125 \sqrt{R}	MODEL: 5973
	THREE PLACE DECIMALS ± .005	REMOVE ALL BURRS & SHARP EDGES	
	ANGLES ± 0° 30'	DIMENSION LIMITS HELD AFTER PLATING	
SYM	REVISION	DATE	DRAWING NUMBER: B-5973-D
ROBERT A. DENTON, INC. ROCHESTER HILLS, MICHIGAN			