



ELECTRICAL DIAGRAM

SPECIFICATION: 1900-103

1. ELECTRICAL: 1.8 AMPS AT 24 VDC.
CONTINUOUS DUTY AT 24 VDC.
2. DESIGN AMBIENT OCEAN DEPTH: 10,000 FSW
3. PULL FORCES (lbf): AIR GAP (inch)

VOLTAGE	0.06	0.12	0.18	0.25
12VDC	22	8	4	-
24VDC	46	26	16	8
36VDC	56	48	26	18

(VALUES ARE APPROXIMATE)

4. WEIGHT: 4.25 POUNDS.
5. HERMETIC, WELDED STAINLESS STEEL CONSTRUCTION.
6. CONNECTOR: FAWL-3P-BC-R/A
7. DIODE: 1N5811, FOR BACK EMF SUPPRESSION.

HYDRACON COMPANY, INC.

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SCALE: .7:1	APPROVED BY: VAP 4-20-01	DRAWN BY:
DATE: 9-28-00		REVISED: 4-20-01

SOLENOID - SUBMERSIBLE

DIMENSIONS ARE IN INCHES.	SHEET 1 OF 1	REV.	DRAWING NUMBER: 1900-103
	DRAWING IN 2D		