7 3 2 REVISION **REV DESCRIPTION** ECO# DATE NOTES: F REVISED PER ECO 01/04/2021 C100918 1. WIRING METHODS MUST BE IN ACCORDANCE WITH NEC, ANSI/NFPA 70 ARTICLE 501 OR CEC C22.1-94, SECTION 18 & ANSI/ISA TR12.06.01 & RP 12.06.XX POWER AND RELAY CONNECTIONS FROM THE SC CONTROLLERS IN HAZARDOUS LOCATION TO BE IN 1/2" (1.3cm) CONDUIT CIRCUIT DISCONNECTS TO SC CONTROLLERS IN HAZARDOUS CLASSIFIED LOCATION MUST BE RATED APPROPRIATELY, IF NOT RATED THEY MUST BE INSTALLED IN NON-HAZARDOUS CLASSIFIED LOCATION NORTH AMERICAN HAZARDOUS (CLASSIFIED) LOCATION NON-HAZARDOUS (CLASSIFIED) LOCATION CLASS I DIV. 2 GROUPS A, B, C, D CLASS 1, ZONE 2, GROUP IIC, T4 INCENDIVE INCENDIVE/NON-SPARKING NON-INCENDIVE OR SIMPLE APPARATUS DIGITAL GATEWAY NON-INCENDIVE INCENDIVE (12VDC) ANALOG PROBE REF. TABLE 3 REF. TABLE 1 CONTROLLER (NRTL) CLASS I, DIV 2 (SEE TABLE 2) INCENDIVE/NON-SPARKING (SEE NOTE 1) INCENDIVE (12VDC) DIGITAL PROBE REF. TABLE 1 NON-INCENDIVE OR SIMPLE APPARATUS INCENDIVE INCENDIVE INCENDIVE (12VDC) NON-INCENDIVE ANALOG PROBE REF. TABLE 1 DIGITAL GATEWAY REF. TABLE 3 (SEE TABLE 2) CONTROLLER (NRTL) INCENDIVE/NON-SPARKING INCENDIVE (12VDC) DIGITAL PROBE REF. TABLE 1 INCENDIVE/NON-SPARKING NON-INCENDIVE OR SIMPLE APPARATUS REGULATORY AGENCY APPROVAL REQUIRED CONTROLLER (NRTL) NON-INCENDIVE CLASS I, DIV 2 WITH ANALOG PROBE PRIOR TO CHANGING INTERNAL DIGITAL REF. TABLE 1 (SEE TABLE 2) GATEWAY THIS DRAWING (SEE NOTE 1)

TABLE 1			
PROBE DESCRIPTION	PART NO.		
LDO PROBE	5790001		
CONTACTING CONDUCTIVITY PROBE	34XXXA		
INDUCTIVE CONDUCTIVITY PROBE	3700 SERIES		
	PD SERIES		
DIFFERENTIAL pH PROBE	RD SERIES		
	PC SERIES		
COMBINATION pH PROBE (SIMPLE APPARATUS)	RC SERIES		
TURBIDITY AND SOLIDS (TSS EX1 sc SENSOR)	LXV328.99.X0002		
LDO MODEL 2 SENSOR	9020000-C1D2		
LDO MODEL 2 SENSOR (SEA WATER)	9020000-C1D2-SW		

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TABLE 2	_
EXTENSION CABLE DESCRIPTION	PART NO.
1m EXTENSION CABLE	6122401
7m EXTENSION CABLE	5796001
15m EXTENSION CABLE	5796101
31m EXTENSION CABLE	5796201

PART NO.
6120500
6120600
6120700
6120800

PART CLASSIFICATION	THE SOLID CAD FILE IS THE CONTROLLING AUTHORITY FOR		
MINOR B	PART GEOMETRY	ENGINEER	
MATERIAL	UNLESS OTHERWISE SPECIFIED:	DRAWN	
	DIMENSIONS ARE IN INCHES [MM]	CHECKED	
HACH MATERIAL PART NUMBER	TOLERANCES: $.X = \pm .03$	PRODUCTION	
NOTICE: HACH COMPANY CLAIMS PROPRIETARY RIGHTS IN THE INFORMATION	$.XX = \pm .01$ $.XXX = \pm .005$	INTERPRE	
DISCLOSED ON THIS DRAWING. IT IS ISSUED	ANGLES = ±.5°	THII	
IN CONFIDENCE FOR ENGINEERING INFORMATION ONLY AND MAY NOT, IN WHOLE OR IN PART, BE USED TO	ALL MOLDED PART FEATURES SHALL BE HELD TO SURFACE PROFILES AS FOLLOWS:		
MANUFACTURE ANYTHING, WHETHER OR	.010 FOR FEATURES < 4.0"		

.020 FOR FEATURES > 4.0" -10.0"

.040 FOR FEATURES > 10.0"

	DATE	NAME	
(HA		UNK	EER
	10/04/2010	TCS	/N
TITLE:			ED.
(1/4/2021	Linda Pusl	TION
SC	ET GEOMETRIC TOLERANCING PER: ANSI Y14.5M 1994		

HACH COMPANY 5600 LINDBERGH DR. LOVELAND, CO. 80538

CONTROL DRAWING, SC SENSOR INSTALLATION

HIRD ANGLE PROJECTION SIZE DWG. NO. **SCALE: 1:1** SHEET 1 OF 1

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