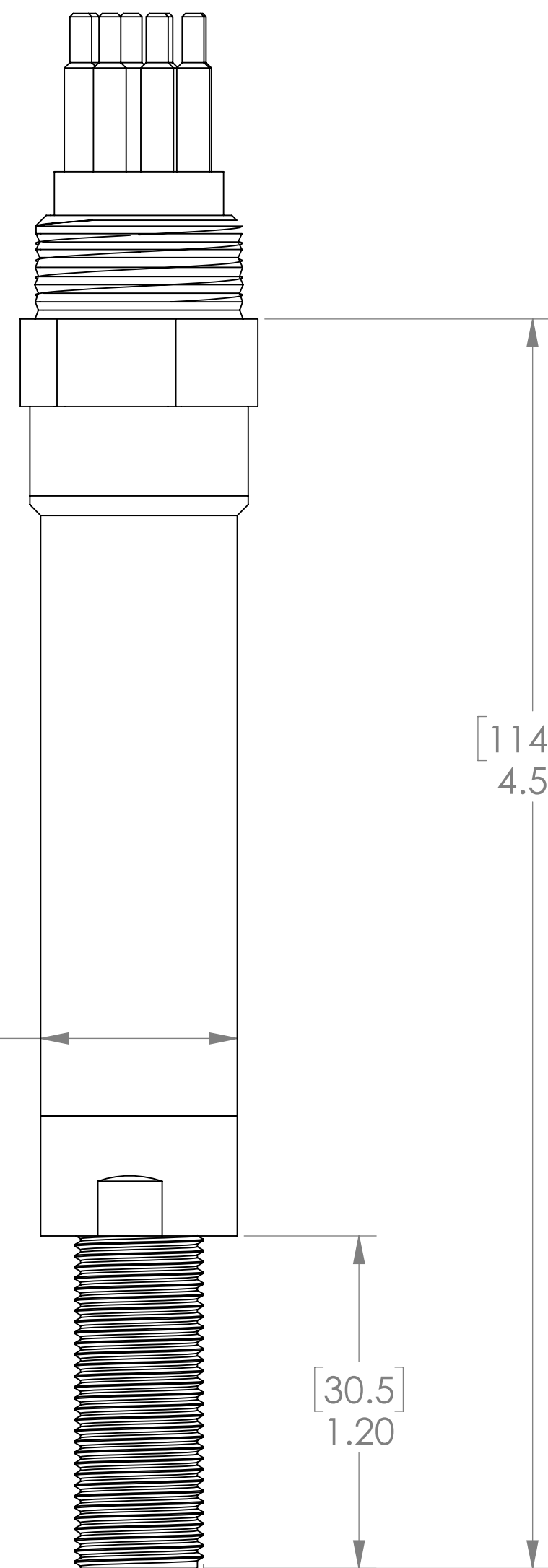
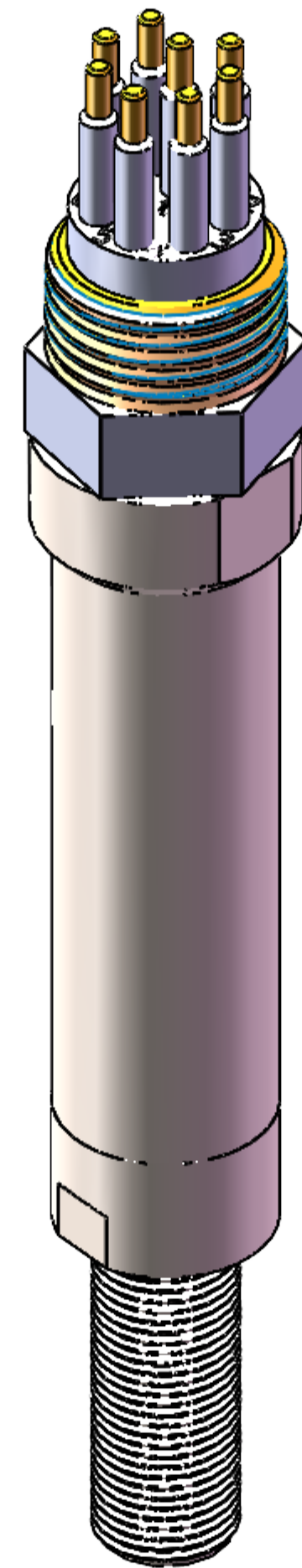


DETAIL A
SCALE 4 : 1



M12 X 1
THREAD



BILL OF MATERIALS						
ITEM #	QTY	UOM	PART NUMBER	DESCRIPTION	MATERIAL DESCRIPTION	Vendor
3	1	EA	MCBH8M - SUBCON	8 PIN SUBSEA CONNECTOR MCBH8M	SST	
4	1	EA	SENSOR REED SW SPDT	SENSOR REED SW SPDT	SST 316	


Electrical Ratings

Contact Type			Normally Open	Normally Open High Voltage	Change Over	Normally Closed
Switch Type			1	2	3	4
Contact Rating ¹		VA/Watt - max.	10	10	5	5
Voltage ⁴	Switching ²	Vdc - max.	200	300	175	175
	Breakdown ³	Vdc - max.	140	265	120	120
Current ⁴	Switching ²	Vdc - min.	250	400	200	200
		Adc - max.	0.5	0.4	0.25	0.25
	Carry	Adc - max.	0.35	0.30	0.18	0.18
Resistance ⁵	Contact, Initial Insulation	Adc - max.	1.2	1.4	1.5	1.5
		Ω - max.	0.2	0.2	0.2	0.2
Capacitance	Contact	Ω - min.	10 ¹⁰	10 ¹⁰	10 ⁹	10 ⁹
		pF - typ.	0.3	0.2	0.3	0.3
Temperature	Operating	°C	-40 to +105	-20 to +105	-40 to +105	-40 to +105

Product Characteristics

Operate Time ⁶		ms - max.	1.0	1.0	3.0	3.0
Release Time ⁶		ms - max.	1.0	1.0	3.0	3.0
Shock ⁷	11ms ½ sine	G - max.	100	100	50	50
Vibration ⁷	50-2000 Hz	G - max.	30	30	30	30

- 1) PIN 1 to PIN 2 NORMALLY OPEN
- 2) PIN 2 to PIN 3 NORMALLY CLOSED
- 3) MAGNETS PROVIDED
- 4) 2ft WHIP WITH MATING CONNECTOR MCIL8F PROVIDED

TOLERANCES unless otherwise noted				APPROVAL	
ANGLES ±0.3°	DECIMALS .XX ±.1	DECIMALS .XXX ±.010	DECIMALS .XXX ±.005	DR / DATE PPR 2020-12-11	 NV Mechanics Design Ltd. 237 E Balmoral Rd. North Vancouver, BC, V7N 1R4 e-mail: sales@mechanicsdesign.com Phone: 604-250-3375 Fax: 604-525-5570
Unless otherwise noted, all dimensions are in inches. DO NOT SCALE. Work to dimensions shown.				CHK / DATE JV 2020-12-11	
FINISH				APPRO / DATE PPR 2020-12-11	
INTERPRET PER ANSI Y14.3 AND ANSI Y14.5M		DWG FILE NAME PSW20-10000-0.SLDDRW		6,000 msw RATED SPDT TYPE 3 PROXIMITY SWITCH UNDERWATER EQUIPMENT	
This document contains confidential information. All rights are owned by NV Mechanics Design Ltd. No use or disclosure is to be made without the written permission of NV Mechanics Design Ltd.					
SIZE D	WBS	DWG. NO. PSW20-10000-0		SCALE	WEIGHT 0.269 LBS
REVISIONS			DATE	APPROVED	SHEET 1 OF 1
ZONE	REV.	DESCRIPTION			