

SID MODEL: SID-20200
SLUDGE INTERFACE DETECTOR

PROBE ASSEMBLY
REPLACEMENT INSTRUCTIONS

REMOVE OLD PROBE ASSEMBLY

- power SID <OFF>
- remove faceplate screws (4 ea.)
- lift faceplate from case head
- demate *probe connector* from *printed circuit board* header
- unscrew *strain relief* from *case adapter* and slide along *probe cable*
- unscrew *case adapter* from *case handle*
- pull and route *probe cable* and *probe connector* out of *case handle*

INSTALL NEW PROBE ASSEMBLY

- route *probe connector* & *probe cable* through *case handle* and into *case head*
- leave several inches cable slack inside *case head*
- screw *case adapter* on *case handle*
- screw *strain relief* on *case adapter* snug tight (compresses gland on cable)
- mate *cable probe connector* to printed circuit board *probe connector header*
- install faceplate on case with four screws

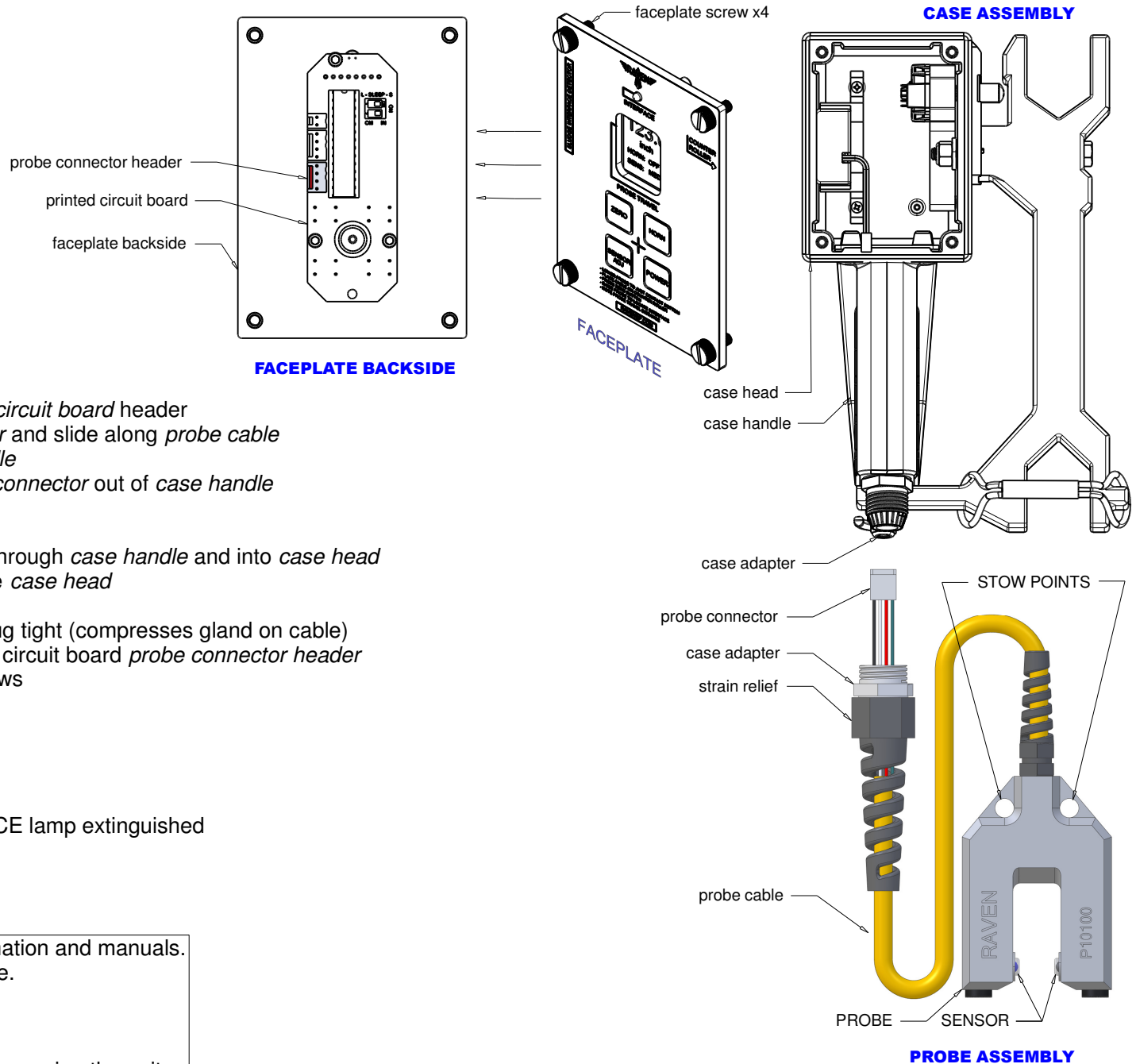
FUNCTIONAL TEST


- power SID <ON>
- block probe sensor with finger
- verify INTERFACE lamp illuminated
- remove blockage and verify INTERFACE lamp extinguished
- complete

Visit RAVENEP.COM for product information and manuals.
Contact RAVEN for technical assistance.
Tech support phone: 800-545-6953.

Helpfull Tips:

Stow probe on case handle hook, while carrying the unit.
Wrap cable loosely on cable rack to prolong cable.
Clean probe sensor lens with soft cloth and mild soap.



 Tolerance (INCHES) 2 places DEC ± .01 3 places DEC ± .005	<i>RAVEN Environmental Products</i>			TITLE	DWG NO.	REV
	PROBE REPLACEMENT			S-20-206-M	B	
	SIZE A	DESIGN JHeumann	PRODUCT SID HANDHELD	DATE 25 MAR 2022		
	SCALE: NONE	SHEET: 1 OF 1	STATUS: PRODUCTION	NEXT HIGHER ASSY: S-20-200		