

PREMA 6040

①

04/07
23.5c

SOURCE: FX

① 9.9999614V	→ (205):	10.0000395 V (20V)
② 0.1 KVD :		99998300V (22)
③ 0.2 KVD :		1.99996192V (22)
④ 0.3 KVD :		3.0000561V (20)
⑤ 0.4 KVD :		4.0000533V (20)
⑥ 0.5 KVD		5.0000479V (20)
⑦ 0.6 KVD		6.0000449V (20)
⑧ 0.7 KVD		7.0000412V (20)
⑨ 0.8 KVD		8.0000414V (20)
⑩ 0.9 KVD		9.0000365V (20)

① 0.1 KVD	1.0000690	(20V)
② 0.2 KVD	2.0000616	AUTO DISABLED
③ SHORT	-0.0000000V	

→ (205/AUTO:0.2V)
~~GOES MORE POSITIVE IN EACH READING / INTEGRATION~~
 FLUCTUATES WITHIN 1 COUNT OF 0.00000001V

① 0.01 KVD 0.100098V

* DIFFERENCE TO FX: 0.00007756 → 4.78 ppm of 10V

PREMA OFF FROM FX @ 10V

04/07
26C

(2)

⊖ 0.01 KVD
(AS INTEGRATION)

⊕ 0.02 KVD
0.03 KVD
0.04 KVD
0.05 KVD
0.06 KVD
0.07 KVD
0.08 KVD
0.09 KVD

20V RANGE
MANUAL
SOURCE: FX

⊖ 0.01 KVD
0.02 KVD
0.03 KVD
0.04 KVD
0.05 KVD
0.06 KVD
0.07 KVD
0.08 KVD
0.09 KVD

0.100098V

0.200099V
0.300098V
0.400098V
0.500097V
0.600097V
0.700096V
0.800096V
0.900095V

-0.100088V
-0.200090V
-0.300088V
-0.400087V
-0.500087V
-0.600086V
-0.700086V
-0.800085V
-0.900084V

24/07
26C

0.2V RANGE
(AUTO)
15 INTEG.
4SEC.

- ~~0.01~~ 0.01 KVD
- 0.02 KVD
- ⊕ (2V) 0.03 KVD
- ↓ 0.04 KVD
- 0.05 KVD
- 0.06 KVD
- 0.07 KVD
- 0.08 KVD
- 0.09 KVD

- 0.09999710V
- 0.19999321V
- 0.3000058V
- 0.4000043V
- 0.5000032V
- 0.6000018V
- ~~0.6999~~
- 0.7000000V
- 0.7999989V
- 0.8999969V

- ⊖
- 0.01 KVD
- 0.02 KVD
- (2V) 0.03 KVD
- 0.04 KVD
- 0.05 KVD
- 0.06 KVD
- 0.07 KVD
- 0.08 KVD
- 0.09 KVD

- 0.0999920V
- 0.1999952V
- 0.3000072V
- 0.4000056V
- 0.5000040V
- 0.6000022V
- 0.7000009V
- 0.7999998V
- 0.8999978V

4/08
23.50

3a?

20V
MANUAL
POSITIVE

↓ 0.00x

0.01	_____	0.0100054
0.02	_____	0.0200008
0.03	_____	0.0300077
0.04	_____	0.0400084
0.05	_____	0.0500091
0.06	_____	0.0600094
0.07	_____	0.0700089
0.08	_____	0.0800100
0.09	_____	0.0900103

NEGATIVE

0.01	_____	- 0.0100063
0.02	_____	- 0.0200074
0.03	_____	- 0.0300100
0.04	_____	- 0.0400115
0.05	_____	- 0.0500120
0.06	_____	- 0.0600143
0.07	_____	- 0.0700150
0.08	_____	- 0.0800160
0.09	_____	- 0.0900164

04/08
22.7C

2V/AUTO
20V/AUTO
(AFTER START +
ZEROING W/
GREEN BANANA
CABLE)

KVD

- 0.1 _____
- 0.2 _____
- 0.3 _____
- 0.4 _____
- 0.5 _____
- 0.6 _____
- 0.7 _____
- 0.8 _____
- 0.9 _____

- 0.99998083 V
- 1.99996705 V
- 2.9999780 V
- 3.999943 V
- 4.9999668 V
- 5.9999648 V
- 6.9999614 V
- 7.9999603 V
- 8.9999575 V

04/08 / 22.8C

FX

AFTER
ZEROING
W/ AB-P CABLE
AND SHORTING
(BANANA
BLOCK)

(2V
AUTO)

- 0.1 _____
- 0.2 _____
- 0.3 _____
- 0.4 _____
- 0.5 _____
- 0.6 _____
- 0.7 _____
- 0.8 _____
- 0.9 _____

~~9.9999712~~ *

- 0.99997180 V
- 1.99996355 V
- 2.9999810 V
- 3.9999792 V
- 4.9999740 V
- 5.9999702 V
- 6.9999686 V
- 7.9999688 V
- 8.9999638 V

* DIFFERENCE IS 0.00000926V → 0.93 ppm OFF 10V

04/08
22.8C

AB-P CABLE
SHORTED

(2V
AUTO)

(0.2V
AUTO)

0.01	0.0999683
0.02	0.19999265
0.03	0.2999765
0.04	0.39997582
0.05	0.49999496
0.06	0.59999384
0.07	0.69997050
0.08	0.79998900
0.09	0.89995704

(0.2V
AUTO)

0.001	0.000050V
0.002	0.01999883V
0.003	0.02999932V
0.004	0.03999871V
0.005	0.04999845V
0.006	0.05999756V
0.007	0.06999700V
0.008	0.07999628V
0.009	0.08999589V

(20V
MANUAL)

0.1	0.9999950V
0.2	1.9999860V

04/09
24.4C

DPS200 → 10V
(20S) X3 MIN.

Positive

DPS200 10V
0.00 KVD

9.9999897 V
0.00000061V

(0.2 Prop)

(0.2/A)

0.01

0.02

0.03

0.001

0.002

0.003

0.004

0.005

0.006

~~0.00000061V~~ *

0.09999635 ↓

0.19999276 ↓

0.29999845 ↓

0.01000012 *** ↓

0.01999996 ↓

0.02999920

0.03999875

0.04999807

0.007

0.008

0.009

* EOS INTEGRATION X3

** 40S X3

*** 20S X3 (CHECKED W/ EOS)

0.05

0.09

0.05

0.09

0.5000116

0.9000090

0.5000130

0.9000102

⊕

(20V RANGE)

20S X3 + 20S CHECK

0.01

0.02

0.03

0.04

0.05

0.06

0.07

0.08

0.09

0.0100086

0.0200096

0.0300102

0.0400110

0.0500114

0.0600120

0.0700121

0.0800127

0.0900127

⊖

⊖

0.001

0.002

0.003

0.004

0.005

0.006

0.007

0.008

0.009

0.0100067

0.0200079

0.0300084

0.0400092

0.0500096

0.0600095

0.0700104

0.0800107

0.0900104

04/09 PRIMA/IX (MID GRADE CABLES); 9.9999678V (0.59 ppm OFF)