

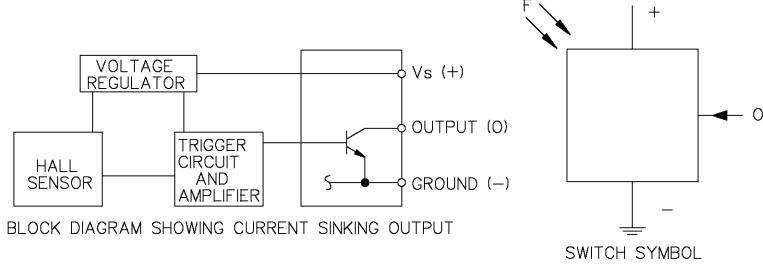
### ABSOLUTE MAXIMUM RATINGS

SUPPLY VOLTAGE (Vs)	-24 TO +28 VOLTS DC
VOLTAGE EXTERNALLY	28 VOLTS DC MAX WITH OUTPUT TRANSISTOR IN
APPLIED TO OUTPUT	OFF CONDITION ONLY $\sqrt{1}\sqrt{6}$
	-0.5 VOLTS MIN WITH OUTPUT TRANSISTOR IN
	ON OR OFF CONDITION /1\/6\
LOAD ON OUTPUT	20mA
TEMPERATURE /11\	-40°C TO +70°C EXCEPT SPECIAL LISTINGS

#### ELECTRICAL CHARACTERISTICS 1

	MIN	TYP	MAX	REMARKS
SUPPLY CURRENT /2\		5mA	15mA	OUTPUT TRANSISTOR OFF 6
OUTPUT VOLTAGE 1\3\				
(OUTPUT_TRANSISTOR		0.15V	0.4V	SINKING 10mA MAX
ON) $\sqrt{5}\sqrt{6}$				
OUTPUT LEAKAGE /1/3\				
CURRENT (OUTPUT A A			10 ¼ A	LEAKAGE INTO
TRANSISTOR OFF) \( \square{5\sqrt{6}} \)				SWITCH OUTPUT
OUTPUT SWITCHING A A				
TIME (SINKING 10mA) $\sqrt{3}\sqrt{5}$				
RISE TIME		0.5 µ S	1.5 µ S	10% TO 90%
FALL TIME		0.5 µ S	1.0 µ S	90% TO 10%

SPECIAL TEMPERATURE FOR GE -40°C TO +60°C



	MIN	TYP	MAX	REMARKS
SUPPLY CURRENT /2\		5mA	15mA	OUTPUT TRANSISTOR OFF 6
OUTPUT VOLTAGE 1/3 (OUTPUT TRANSISTOR ON) 5/6		0.15V	0.4V	SINKING 10mA MAX
OUTPUT LEAKAGE /1/3\ CURRENT (OUTPUT TRANSISTOR OFF) /5/6\			10 µ A	LEAKAGE INTO SWITCH OUTPUT
OUTPUT SWITCHING TIME (SINKING 10mA) 3/5				
RISE TIME		0.5 JL S	1.5 µ S	10% TO 90%
FALL TIME		0.5 µ S	1.0 µ S	90% TO 10%

NOTES

1 REFER TO CHART TO DETERMINE THE UNACTUATED OUTPUT VOLTAGE
AND OUTPUT TRANSISTOR STATE
AT 24°C ± 2°C AND SUPPLY VOLTAGE OF 4.5 TO 24 VOLTS DC

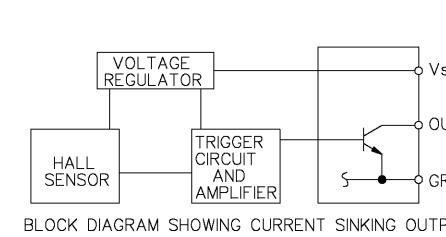
3 OVER A TEMPERATURE RANGE OF 0°C TO +70°C

4 LEVER MAY NOT BE SELF RETURNING WHEN MOUNTED WITH WEIGHT OF
LEVER ON SWITCH PLUNGER
SUPPLY VOLTAGE OF 4.5 TO 24 VOLTS DC

6 "TRANSISTOR ON" CONDITION IS DEFINED TO BE WHEN THE OUTPUT
TRANSISTOR IS CONDUCTING CURRENT
7 — BLACK PLUNGER INDICATES NORMALLY HIGH OUTPUT; RED PLUNGER
INDICATES NORMALLY LOW OUTPUT
ACCEPTS CONNECTOR EQUIVALENT TO AMP PART NO. 102241—1

9 ACCEPTS CONNECTOR EQUIVALENT TO MOLEX PART NO. 50—57—9403
SPECIAL LEVER FORM

SPECIAL LEVER FORM



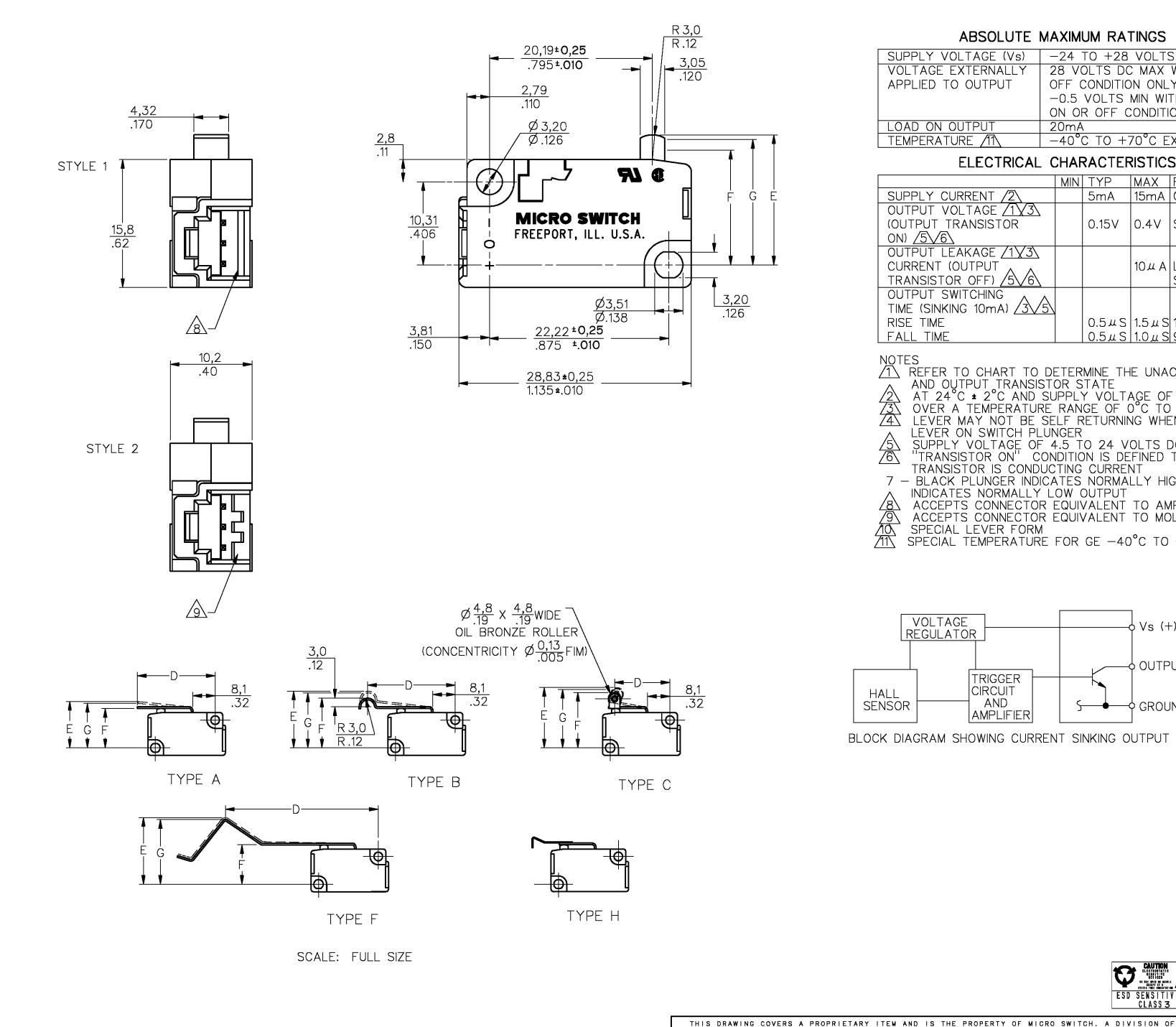


CATALOG LISTING

 $\oplus$  ==SCALE DO NOT SCALE PRINT UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ONE PLACE

(.0) ± .030 TWO PLACES (.00)  $\pm .015$ THREE PLACES (.000)  $\pm$ .005 **ANGLES**  $\pm$ WEIGHT

THIRD ANGLE PROJECTION



CHART

SERIES

I ssue

A C079902 (7 7 FEB 95 L B PR22156 (14 AUG 96 C C083741 L

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SWITCH - SOLID STATE

**MICRO SWITCH** 

**VX SERIES** CHART 1

MASTER REDUCED **a Honeywell Division**ANSI Y14.5M-1982 APPLIES FED. MFG. CODE 81828

											SOLDER TERMIN	
"D" LEVER	LEVER	E. E.	"F"	"G"	OVER-	DIFF	FORCE AT OF	ORCE AT OPERATE POINT		OUTPUT	CATALO	LISTING
ACTUATION POINT	TYPE	FREE POSITION (MAX)	OPERATION POINT (MIN)	RELEASE POINT (MAX)	TRAVEL (MIN)	TRAVEL (MIN)	OUNCES	GRAMS	OUTPUT VOLTAGE	TRANSISTOR 6	STYLE 1	STYLE 2
							.35 +.18 14	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	VX10	VX12
.795	NONE	<u>16,38</u> .645	<u>14,22</u> .560	<u>15,54</u> .612	1,02 .040	<u>0,05</u> .002	.00 –.14	10 -4	LOW	ON	VX11	VX13
		.045	.500	.012	.040	.002	3.0±.88	85±25	HIGH	OFF	VX80 VX81	$\oplus$
									LOW HIGH	ON OFF	VX10-A1	VX12-A1
		17 27	14.71	16 33	102	0.05	.35±.2	10 <b>±</b> 5	LOW	ON	VX10 A1	VAIZ AI
.860	Α	<u>17,27</u> .680	<u>14,71</u> .579	<u>16,33</u> .643	1,02 .040	<u>0,05</u> .002			HIGH	OFF	VX80-A1	(H)
							2.8 <b>±</b> 1.1	80±30	LOW	ON	VX81-A1	
							0.0.1	+3 5 –2	HIGH	OFF	VX10-A2	$\oplus$
1.400	٨	<u>19,28</u> .759	<u>13,94</u> .549	<u>17,32</u> .682	2,16 .085	<u>0,10</u> .004	0.2=.1	5 -2	LOW	ON	$\Theta$	VX13-A2
1.400	Α	.759	.549	.682	.085	.004	1.44- 50	40.45	HIGH	OFF		VX82-A2
							1.41±.50	40 <b>±</b> 15	LOW	ON	VX81-A2	
							.10±.07	J <b>±</b> 2	HIGH	OFF	VX10-A3	
2.340	Α	22,58 .889	<u>12,62</u> .497	<u>18,97</u> .747	<u>4,06</u> .160	<u>0,20</u> .008			LOW	ON	VX11-A3	
2.0 10	, ,	.889	.497	./4/	.160	<u>.008</u>	.75 +.35 25	21 +9	HIGH	OFF	VX80-A3	$\qquad \qquad $
								<b>-</b>	LOW	ON	VX81-A3	1040 D4
		00.07	47.00	00.50	4.04	0.40	0.20 <del>+</del> .15	5 +4	HIGH	OFF	VX10-B1	VX12-B1
1.285	В	<u>22,23</u> .875	<u>17,02</u> .670	<u>20,52</u> .808	<u>1,91</u> .075	<u>0,10</u> .004	3.2310	3 -2	LOW	ON	VX11-B1	VX13-B1
		.075	.670		.075	.004	1.55±.53	44±15	HIGH	OFF	VX80-B1	(H)
							1100 100	1	LOW	ON	VV10 01	VV10 01
		00.40	10.00	01.00	100	0.05	.40±.20	12±5	HIGH	OFF	VX10-C1 VX11-C1	VX12-C1 VX13-C1
.810	С	22,48 .885	<u>19,99</u> .787	<u>21,62</u> .851	1,02 .040	<u>0,05</u> .002			LOW HIGH	ON OFF	VX11-C1 VX80-C1	(H)
		.000	.,0,	.001	.010	.002	3.0±1.06	85±30	LOW	ON	VX81-C1	
.795		17 78	14 73	16 13	102	0.10	<b>+ 18</b>		LOW	ON	VX81-A2-GE	
$\triangle$	Α	<u>17,78</u> .700	14,73 .580	<u>16,13</u> .635	1,02 .040	<u>0,10</u> .004	.35 +.18 .3514	10 +5				
<u> </u>							• • • • • • • • • • • • • • • • • • • •	'				
1006	_	25.73	21.72	23.98	1,65	0.13	+.18	+5	111011	٥٦٦	VX10-F1	
1.226	F	<u>25,73</u> 1.013	<u>21,72</u> .855	<u>23,98</u> .944	<u>1,65</u> .065	<u>0,13</u> .005	.35 +.18 14	10 +5	HIGH	OFF	VX10-F1 VX11-F1	
1,250	F	<u>25,58</u> 1.007	<u>21,72</u> .855	<u>23,83</u> .938	<u>1,65</u> .065	<u>0,13</u> .005	.35 +.18 14	10 +5	HIGH	OFF	VX10-FA	
1,200	'	1.007	.855	.938	.065	.005	.55 –.14	10 -4	111011		* X IO   X	

NOTE

A MEASUREMENTS TAKEN OVER PLUNGER

ESD SENSITIVITY:
CLASS 3

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MASTER REDUCED a Honeywell Division

ANSI Y14.5M—1982 APPLIES

FED. MFG. 5005

SWITCH - SOLID STATE

CATALOG LISTING **VX SERIES** CHART 1

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ONE PLACE (.0)  $\pm$ .030 TWO PLACES (.00)  $\pm .015$ THREE PLACES (.000)  $\pm$ .005 **ANGLES**  $\pm$ 

SCALE NONE

WEIGHT

THIRD ANGLE PROJECTION

DO NOT SCALE PRINT

CHART

"D" LEVER	LEVER	"E"	"F"	"G"	OVER-	DIFF	FORCE AT OP	ERATE POINT	UNACTUATED	OUTPUT	CATALO	S LISTING	COMMENTS
ACTUATION POINT	TYPE	FREE POSITION (MAX)	OPERATION POINT (MIN)	RELEASE POINT (MAX)	TRAVEL (MIN)	TRAVEL (MIN)	OUNCES	GRAMS	OUTPUT VOLTAGE	TRANSISTOR 6	STYLE 1	STYLE 2	COMMENTS
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	VX10-F4		GENICOM DRAWING NO. 44A501960-001
.795	Н	<u>17,02</u> .670	<u>15,37</u> .605	<u>16,69</u> .657	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	HIGH	OFF	<u> </u>		
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	LOW	ON	<b>©</b>		
.795	Н	<u>17,02</u> .670	<u>15,37</u> .605	<u>16,69</u> .657	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	HIGH	OFF	VX10-H2		
	NONE	<u>16,38</u> .645	14,22 .560	15,54 .612	<u>1,02</u> .040	<u>0,05</u> .002	1.2 <b>±</b> .18	34 <b>±</b> 5	HIGH	OFF	VX30HP		
.795	Α	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	HIGH	OFF	<u>©</u>		
.795	F	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	+.18 .3514	10 +5 10 -4	HIGH	OFF	<b>©</b>		
.795	F	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 .3514	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	VX10-F8		
.810	С	<u>22,48</u> .885	19,99 .787	<u>21,62</u> .851	<u>1,02</u> .040	<u>0,05</u> .002	.19±.09	5.4±2.6	HIGH	OFF	VX10-C1L		

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ANSI Y14.5M-1982 APPLIES

FED. MFG. 5055

SWITCH - SOLID STATE

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THIRD ANGLE PROJECTION

DO NOT SCALE PRINT

scale NONE

A PR16590

J A S
22 JUL 88

A C064025

22 JUL 88

B PR17180

3 MAR 89

C C093789

J DL T
3 NOV 98

E PR23775

P P F P
9 DEC 98

E PR23787

13 JAN 99

F PR23760

G R T
25 FEB 99

G C093843

14 APR 99

H C0-95107

G J W
29 APR 99

J CO-95107

G J W
29 APR 99

J CO-95107

G J W
29 APR 99

J CO-95107

H CO-95107

G J W
29 APR 99

J CO-95107

H CO-95107

G J W
29 APR 99

J CO-95107

G J W
29 APR 99

SERIES CHART

"D" LEVER	LEVER	"E"	"F"	"G"	OVER-	DIFF	FORCE AT OP	FORCE AT OPERATE POINT		UATED OUTPUT		CATALOG LISTING		COMMENTS
POINT	TYPE	LEKEE POSITION	OPERATION POINT (MIN)	RELEASE POINT (MAX)	TRAVEL (MIN)	TRAVEL (MIN)	OUNCES	GRAMS	OUTPUT VOLTAGE	TRANSISTOR	STYLE 1	STYLE 2	DRAWING NO.	COMMENTS
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	16,18 .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 .3514	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	VX10-F1		4592340	
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	16,18 .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	F		4593242	
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	16,18 .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	HIGH	OFF	F		4593470	
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	F		4592552	

IBM CORPORATION SWITCHES ONLY THIS PAGE

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CATALOG LISTING

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE (.0) ± .030 ONE PLACE TWO PLACES (.00)  $\pm .015$ THREE PLACES (.000)  $\pm$ .005 **ANGLES** <u>±</u>

WEIGHT

NONE

THIRD ANGLE PROJECTION

DO NOT SCALE PRINT

MASTER REDUCED a Honeywell Division

ANSI Y14.5M-1982 APPLIES

FED. MFG. 5055

SWITCH - SOLID STATE

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VX SERIES CHART 1

21 PAGE 4 OF 4

CHART

A CO64025

9 AUG 88

B CO93789

3 D L T

NOV 98

C PR23775

09 DEC 98

D PR23787

13 JAN 99

E PR23760

G R T

25 FEB 99

F CO93843

0 L T

14 APR 99

G CO-95107

29 APR 99

H CO
29 APR 99

H CO
22 MAR 00



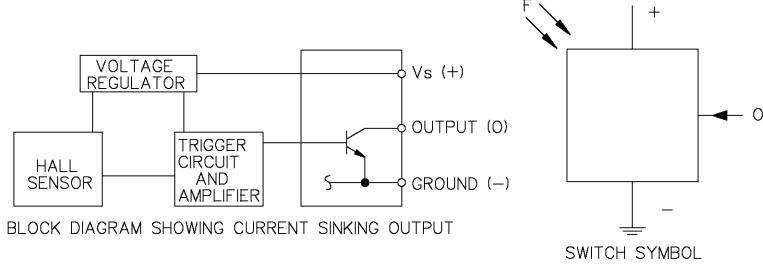
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SUPPLY VOLTAGE (Vs)	-24 TO +28 VOLTS DC
VOLTAGE EXTERNALLY	28 VOLTS DC MAX WITH OUTPUT TRANSISTOR IN
APPLIED TO OUTPUT	OFF CONDITION ONLY $\sqrt{1}\sqrt{6}$
	-0.5 VOLTS MIN WITH OUTPUT TRANSISTOR IN
	ON OR OFF CONDITION /1\/6\
LOAD ON OUTPUT	20mA
TEMPERATURE /11\	-40°C TO +70°C EXCEPT SPECIAL LISTINGS

#### ELECTRICAL CHARACTERISTICS 1

	MIN	TYP	MAX	REMARKS
SUPPLY CURRENT /2\		5mA	15mA	OUTPUT TRANSISTOR OFF 6
OUTPUT VOLTAGE 1\3\				
(OUTPUT_TRANSISTOR		0.15V	0.4V	SINKING 10mA MAX
ON) $\sqrt{5}\sqrt{6}$				
OUTPUT LEAKAGE /1/3\				
CURRENT (OUTPUT A A			10 ¼ A	LEAKAGE INTO
TRANSISTOR OFF) \( \square{5\sqrt{6}} \)				SWITCH OUTPUT
OUTPUT SWITCHING A A				
TIME (SINKING 10mA) $\sqrt{3}\sqrt{5}$				
RISE TIME		0.5 µ S	1.5 µ S	10% TO 90%
FALL TIME		0.5 µ S	1.0 µ S	90% TO 10%

SPECIAL TEMPERATURE FOR GE -40°C TO +60°C



	MIN	TYP	MAX	REMARKS
SUPPLY CURRENT /2\		5mA	15mA	OUTPUT TRANSISTOR OFF 6
OUTPUT VOLTAGE 1/3 (OUTPUT TRANSISTOR ON) 5/6		0.15V	0.4V	SINKING 10mA MAX
OUTPUT LEAKAGE /1/3\ CURRENT (OUTPUT TRANSISTOR OFF) /5/6\			10 µ A	LEAKAGE INTO SWITCH OUTPUT
OUTPUT SWITCHING TIME (SINKING 10mA) 3/5				
RISE TIME		0.5 JL S	1.5 µ S	10% TO 90%
FALL TIME		0.5 µ S	1.0 µ S	90% TO 10%

NOTES

1 REFER TO CHART TO DETERMINE THE UNACTUATED OUTPUT VOLTAGE
AND OUTPUT TRANSISTOR STATE
AT 24°C ± 2°C AND SUPPLY VOLTAGE OF 4.5 TO 24 VOLTS DC

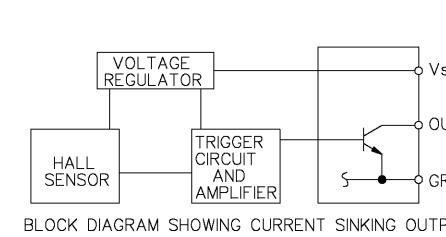
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LEVER ON SWITCH PLUNGER
SUPPLY VOLTAGE OF 4.5 TO 24 VOLTS DC

6 "TRANSISTOR ON" CONDITION IS DEFINED TO BE WHEN THE OUTPUT
TRANSISTOR IS CONDUCTING CURRENT
7 — BLACK PLUNGER INDICATES NORMALLY HIGH OUTPUT; RED PLUNGER
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ACCEPTS CONNECTOR EQUIVALENT TO AMP PART NO. 102241—1

9 ACCEPTS CONNECTOR EQUIVALENT TO MOLEX PART NO. 50—57—9403
SPECIAL LEVER FORM

SPECIAL LEVER FORM



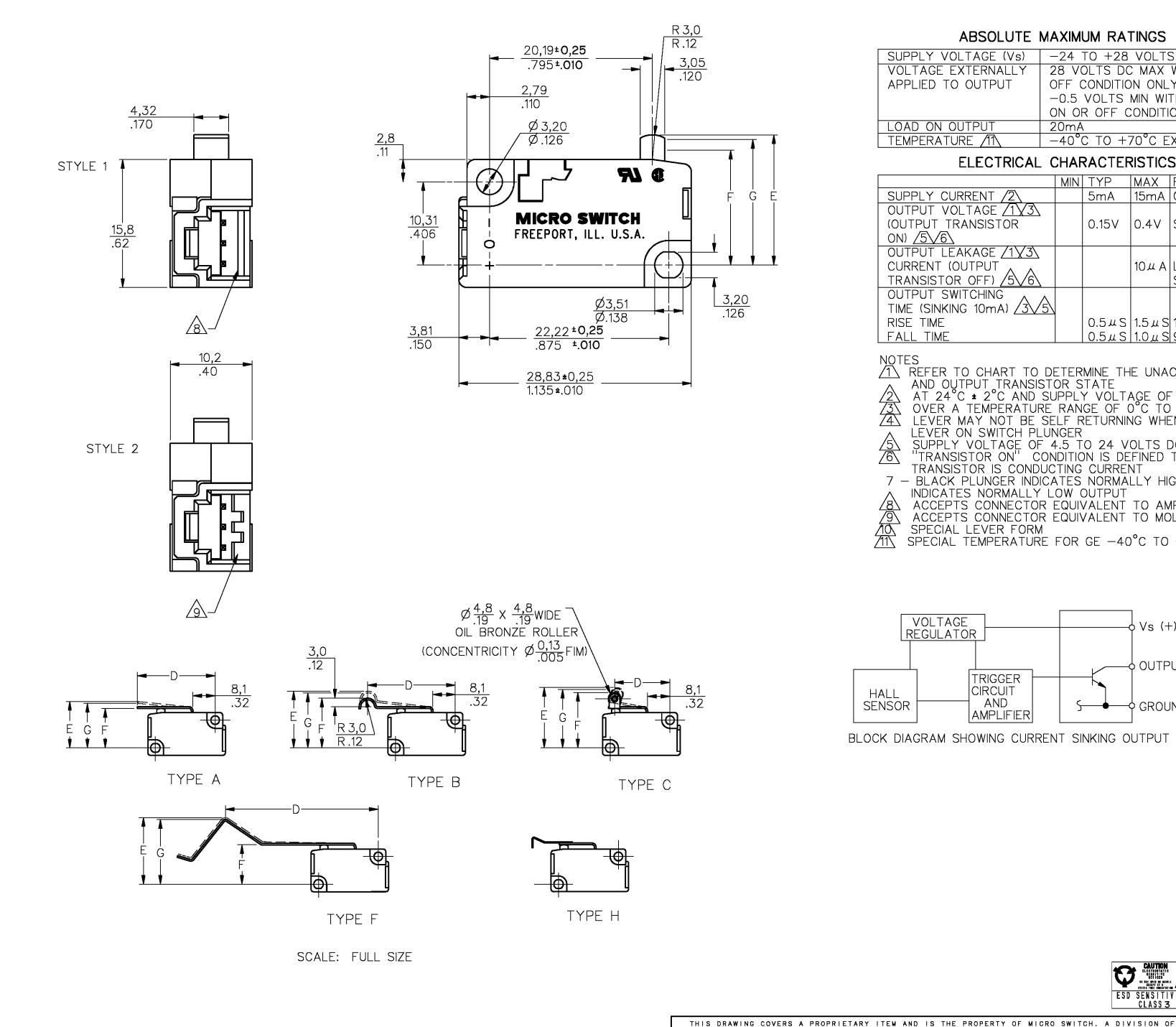


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(.0) ± .030 TWO PLACES (.00)  $\pm .015$ THREE PLACES (.000)  $\pm$ .005 **ANGLES**  $\pm$ WEIGHT

THIRD ANGLE PROJECTION



CHART

SERIES

I ssue

A C079902 (7 7 FEB 95 L B PR22156 (14 AUG 96 C C083741 L

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SWITCH - SOLID STATE

**MICRO SWITCH** 

**VX SERIES** CHART 1

MASTER REDUCED **a Honeywell Division**ANSI Y14.5M-1982 APPLIES FED. MFG. CODE 81828

											SOLDER TERMIN	
"D" LEVER	LEVER	E. E.	"F"	"G"	OVER-	DIFF	FORCE AT OF	ORCE AT OPERATE POINT		OUTPUT	CATALO	LISTING
ACTUATION POINT	TYPE	FREE POSITION (MAX)	OPERATION POINT (MIN)	RELEASE POINT (MAX)	TRAVEL (MIN)	TRAVEL (MIN)	OUNCES	GRAMS	OUTPUT VOLTAGE	TRANSISTOR 6	STYLE 1	STYLE 2
							.35 +.18 14	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	VX10	VX12
.795	NONE	<u>16,38</u> .645	<u>14,22</u> .560	<u>15,54</u> .612	1,02 .040	<u>0,05</u> .002	.00 –.14	10 -4	LOW	ON	VX11	VX13
		.045	.500	.012	.040	.002	3.0±.88	85±25	HIGH	OFF	VX80 VX81	$\oplus$
									LOW HIGH	ON OFF	VX10-A1	VX12-A1
		17 27	14.71	16 33	102	0.05	.35±.2	10 <b>±</b> 5	LOW	ON	VX10 A1	VAIZ AI
.860	Α	<u>17,27</u> .680	<u>14,71</u> .579	<u>16,33</u> .643	1,02 .040	<u>0,05</u> .002			HIGH	OFF	VX80-A1	(H)
							2.8 <b>±</b> 1.1	80±30	LOW	ON	VX81-A1	
							0.0.1	+3 5 –2	HIGH	OFF	VX10-A2	$\oplus$
1.400	٨	<u>19,28</u> .759	<u>13,94</u> .549	<u>17,32</u> .682	2,16 .085	<u>0,10</u> .004	0.2=.1	5 -2	LOW	ON	$\Theta$	VX13-A2
1.400	Α	.759	.549	.682	.085	.004	1.44- 50	40.45	HIGH	OFF		VX82-A2
							1.41±.50	40 <b>±</b> 15	LOW	ON	VX81-A2	
							.10±.07	J <b>±</b> 2	HIGH	OFF	VX10-A3	
2.340	Α	22,58 .889	<u>12,62</u> .497	<u>18,97</u> .747	<u>4,06</u> .160	<u>0,20</u> .008			LOW	ON	VX11-A3	
2.0 10	, ,	.889	.497	./4/	.160	<u>800.</u>	.75 +.35 25	21 +9	HIGH	OFF	VX80-A3	$\qquad \qquad $
								<b>-</b>	LOW	ON	VX81-A3	1040 D4
		00.07	47.00	00.50	4.04	0.40	0.20 <del>+</del> .15	5 +4	HIGH	OFF	VX10-B1	VX12-B1
1.285	В	<u>22,23</u> .875	<u>17,02</u> .670	<u>20,52</u> .808	<u>1,91</u> .075	<u>0,10</u> .004	3.2310	3 -2	LOW	ON	VX11-B1	VX13-B1
		.075	.670		.075	.004	1.55±.53	44±15	HIGH	OFF	VX80-B1	(H)
							1100 100	1	LOW	ON	VV10 01	VV10 01
		00.40	10.00	01.00	100	0.05	.40±.20	12±5	HIGH	OFF	VX10-C1 VX11-C1	VX12-C1 VX13-C1
.810	С	22,48 .885	<u>19,99</u> .787	<u>21,62</u> .851	1,02 .040	<u>0,05</u> .002			LOW HIGH	ON OFF	VX11-C1 VX80-C1	(H)
		.000	.,0,	.001	.010	.002	3.0±1.06	85±30	LOW	ON	VX81-C1	
.795		17 78	14 73	16 13	102	0.10	<b>+ 18</b>		LOW	ON	VX81-A2-GE	
$\triangle$	Α	<u>17,78</u> .700	14,73 .580	<u>16,13</u> .635	1,02 .040	<u>0,10</u> .004	.35 +.18 .3514	10 +5				
<u> </u>							• • • • • • • • • • • • • • • • • • • •	'				
1006	_	25.73	21.72	23.98	1,65	0.13	+.18	+5	111011	٥٥٠ ا	VX10-F1	
1.226	F	<u>25,73</u> 1.013	<u>21,72</u> .855	<u>23,98</u> .944	<u>1,65</u> .065	<u>0,13</u> .005	.35 +.18 14	10 +5	HIGH	OFF	VX10-F1 VX11-F1	
1,250	F	<u>25,58</u> 1.007	<u>21,72</u> .855	<u>23,83</u> .938	<u>1,65</u> .065	<u>0,13</u> .005	.35 +.18 14	10 +5	HIGH	OFF	VX10-FA	
1,200	'	1.007	.855	.938	.065	.005	.55 –.14	10 -4	111011		* X IO   X	

NOTE

A MEASUREMENTS TAKEN OVER PLUNGER

ESD SENSITIVITY:
CLASS 3

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SWITCH - SOLID STATE

CATALOG LISTING **VX SERIES** CHART 1

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE ONE PLACE (.0)  $\pm$ .030 TWO PLACES (.00)  $\pm .015$ THREE PLACES (.000)  $\pm$ .005 **ANGLES**  $\pm$ 

SCALE NONE

WEIGHT

THIRD ANGLE PROJECTION

DO NOT SCALE PRINT

CHART

"D" LEVER	LEVER	"E"	"F"	"G"	OVER-	DIFF	FORCE AT OP	ERATE POINT	UNACTUATED	OUTPUT	CATALO	S LISTING	COMMENTS
ACTUATION POINT	TYPE	FREE POSITION (MAX)	OPERATION POINT (MIN)	RELEASE POINT (MAX)	TRAVEL (MIN)	TRAVEL (MIN)	OUNCES	GRAMS	OUTPUT VOLTAGE	TRANSISTOR 6	STYLE 1	STYLE 2	COMMENTS
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	VX10-F4		GENICOM DRAWING NO. 44A501960-001
.795	Н	<u>17,02</u> .670	<u>15,37</u> .605	<u>16,69</u> .657	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	HIGH	OFF	<u> </u>		
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	LOW	ON	<b>©</b>		
.795	Н	<u>17,02</u> .670	<u>15,37</u> .605	<u>16,69</u> .657	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	HIGH	OFF	VX10-H2		
	NONE	<u>16,38</u> .645	14,22 .560	15,54 .612	<u>1,02</u> .040	<u>0,05</u> .002	1.2 <b>±</b> .18	34 <b>±</b> 5	HIGH	OFF	VX30HP		
.795	Α	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	HIGH	OFF	<u>©</u>		
.795	F	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	+.18 .3514	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	<b>©</b>		
.795	F	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 .3514	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	VX10-F8		
.810	С	<u>22,48</u> .885	19,99 .787	<u>21,62</u> .851	<u>1,02</u> .040	<u>0,05</u> .002	.19±.09	5.4±2.6	HIGH	OFF	VX10-C1L		

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CATALOG LISTING **VX SERIES** CHART 1

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE (.0) ± .030 ONE PLACE TWO PLACES (.00)  $\pm .015$ THREE PLACES (.000)  $\pm$ .005 **ANGLES** <u>±</u> WEIGHT

THIRD ANGLE PROJECTION

DO NOT SCALE PRINT

scale NONE

A PR16590

J A S
22 JUL 88

A C064025

22 JUL 88

B PR17180

3 MAR 89

C C093789

J DL T
3 NOV 98

E PR23775

P P F P
9 DEC 98

E PR23787

13 JAN 99

F PR23760

G R T
25 FEB 99

G C093843

14 APR 99

H C0-95107

G J W
29 APR 99

J CO-95107

G J W
29 APR 99

J CO-95107

G J W
29 APR 99

J CO-95107

H CO-95107

G J W
29 APR 99

J CO-95107

H CO-95107

G J W
29 APR 99

J CO-95107

G J W
29 APR 99

SERIES CHART

"D" LEVER	LEVER	"E"	"F"	"G"	OVER-	DIFF	FORCE AT OP	FORCE AT OPERATE POINT		UATED OUTPUT		CATALOG LISTING		COMMENTS
POINT	TYPE	LEKEE POSITION	OPERATION POINT (MIN)	RELEASE POINT (MAX)	TRAVEL (MIN)	TRAVEL (MIN)	OUNCES	GRAMS	OUTPUT VOLTAGE	TRANSISTOR	STYLE 1	STYLE 2	DRAWING NO.	COMMENTS
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	16,18 .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 .3514	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	VX10-F1		4592340	
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	16,18 .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	F		4593242	
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	16,18 .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 +5 10 -4	HIGH	OFF	F		4593470	
.795	F_10	<u>17,02</u> .670	<u>14,86</u> .585	<u>16,18</u> .637	<u>0,91</u> .036	<u>0,05</u> .002	.35 +.18 14	10 <sup>+5</sup> 10 <sup>-4</sup>	HIGH	OFF	F		4592552	

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CATALOG LISTING

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE (.0) ± .030 ONE PLACE TWO PLACES (.00)  $\pm .015$ THREE PLACES (.000)  $\pm$ .005 **ANGLES** <u>±</u>

WEIGHT

NONE

THIRD ANGLE PROJECTION

DO NOT SCALE PRINT

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VX SERIES CHART 1

21 PAGE 4 OF 4

CHART

A CO64025

9 AUG 88

B CO93789

3 D L T

NOV 98

C PR23775

09 DEC 98

D PR23787

13 JAN 99

E PR23760

G R T

25 FEB 99

F CO93843

0 L T

14 APR 99

G CO-95107

29 APR 99

H CO
29 APR 99

H CO
22 MAR 00

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**Authorized Distributor** 

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<u>VX10 VX10-A2 VX10-A3 VX10-B1 VX10-C1 VX80 VX80-A2 VX80-A3 VX80-B1 VX80-C1 VX81-C1 VX30HP</u>
VX12-A3 VX82-A2 VX13-A2 VX10-F8 VX10-H2 VX12-A1