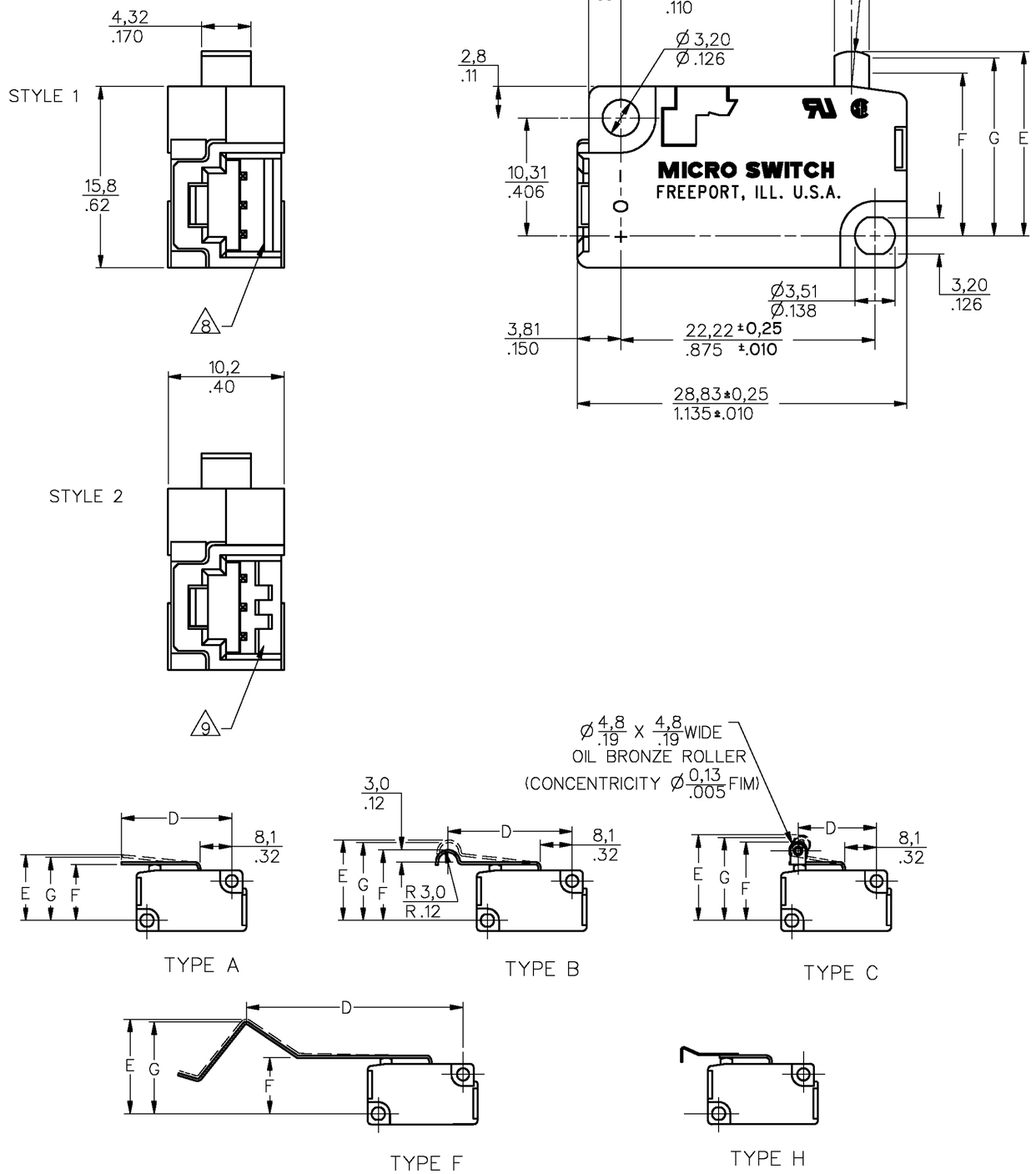


SCALE: FULL SIZE

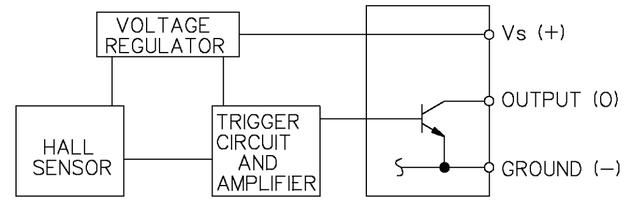
ABSOLUTE MAXIMUM RATINGS

SUPPLY VOLTAGE (Vs)	−24 TO +28 VOLTS DC
VOLTAGE EXTERNALLY APPLIED TO OUTPUT	28 VOLTS DC MAX WITH OUTPUT TRANSISTOR IN OFF CONDITION ONLY /1\/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

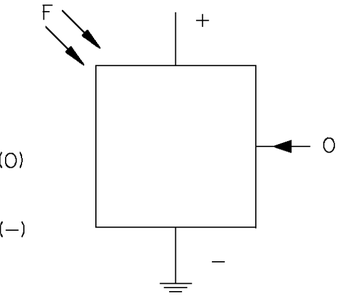
ELECTRICAL CHARACTERISTICS /1\

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

NOTES
/1\ REFER TO CHART TO DETERMINE THE UNACTUATED OUTPUT VOLTAGE AND OUTPUT TRANSISTOR STATE
/2\ 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
/5\ 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
/8\ ACCEPTS CONNECTOR EQUIVALENT TO AMP PART NO. 102241−1
/9\ ACCEPTS CONNECTOR EQUIVALENT TO MOLEX PART NO. 50−57−9403
/10\ SPECIAL LEVER FORM
/11\ SPECIAL TEMPERATURE FOR GE −40°C TO +60°C



BLOCK DIAGRAM SHOWING CURRENT SINKING OUTPUT



SWITCH SYMBOL

CAUTION ELECTROSTATIC SENSITIVE DEVICE
ESD SENSITIVITY: CLASS 3

THIRD ANGLE PROJECTION
SCALE 3 : 1
DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT

MICRO SWITCH a Honeywell Division
FED. MFG. CODE 81029

SWITCH − SOLID STATE

CATALOG LISTING
VX SERIES
CHART 1

MASTER REDUCED
ANSI Y14.5M−1982 APPLIES

DRAWING NUMBER VX SERIES CHART 1
PAGE 1 OF 4
ISSUE M 21
RELEASE NO. PR−12882
REPLACES X80986−VX

	DRAWN	CHECK
	J A F 7FEB95	K A G 16FEB95

FORMTEK

REVISIONS

A	C079902	J A F 7 FEB 95	J A F 09DEC98
B	PR22156	J A K 14 AUG 96	
C	C083741	J A K 8 OCT 96	
D	C093789	D L T 3 NOV 98	
E	PR23775	P P F 09 DEC 98	
F	PR23787	M P O 13 JAN 99	
G	PR23760	G R T 25 FEB 99	
H	C093843	D L T 14 APR 99	
J	C095107	G J W 29 APR 99	
K	CO-95704	DLM 22 MAR 00	

"D" LEVER ACTUATION POINT	LEVER TYPE	"E" FREE POSITION (MAX)	"F" OPERATION POINT (MIN)	"G" RELEASE POINT (MAX)	OVER-TRAVEL (MIN)	DIFF TRAVEL (MIN)	FORCE AT OPERATE POINT		UNACTUATED OUTPUT VOLTAGE	OUTPUT TRANSISTOR △6	SOLDER PLATED TERMINALS	
							OUNCES	GRAMS			CATALOG LISTING	
											STYLE 1 △8	STYLE 2 △9
.795	NONE	16,38 / .645	14,22 / .560	15,54 / .612	1,02 / .040	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10	VX12
									LOW	ON	VX11	VX13
							3.0±.88	85±25	HIGH	OFF	VX80	Ⓗ
									LOW	ON	VX81	Ⓗ
.860	A	17,27 / .680	14,71 / .579	16,33 / .643	1,02 / .040	0,05 / .002	.35±.2	10±5	HIGH	OFF	VX10-A1	VX12-A1
									LOW	ON	VX11-A1	
							2.8±1.1	80±30	HIGH	OFF	VX80-A1	Ⓗ
									LOW	ON	VX81-A1	
1.400	A	19,28 / .759	13,94 / .549	17,32 / .682	2,16 / .085	0,10 / .004	0.2±.1	5 +3 −2	HIGH	OFF	VX10-A2	Ⓗ
									LOW	ON	Ⓗ	VX13-A2
							1.41±.50	40±15	HIGH	OFF	VX80-A2	VX82-A2
									LOW	ON	VX81-A2	
2.340	A	22,58 / .889	12,62 / .497	18,97 / .747	4,06 / .160	0,20 / .008	.10±.07	3±2	HIGH	OFF	VX10-A3	VX12-A3
									LOW	ON	VX11-A3	VX13-A3
							.75 +.35 −.25	21 +9 −7	HIGH	OFF	VX80-A3	Ⓗ
									LOW	ON	VX81-A3	
1.285	B	22,23 / .875	17,02 / .670	20,52 / .808	1,91 / .075	0,10 / .004	0.20 +.15 −.10	5 +4 −2	HIGH	OFF	VX10-B1	VX12-B1
									LOW	ON	VX11-B1	VX13-B1
							1.55±.53	44±15	HIGH	OFF	VX80-B1	Ⓗ
									LOW	ON		
.810	C	22,48 / .885	19,99 / .787	21,62 / .851	1,02 / .040	0,05 / .002	.40±.20	12±5	HIGH	OFF	VX10-C1	VX12-C1
									LOW	ON	VX11-C1	VX13-C1
							3.0±1.06	85±30	HIGH	OFF	VX80-C1	Ⓗ
									LOW	ON	VX81-C1	
.795 △A	A	17,78 / .700	14,73 / .580	16,13 / .635	1,02 / .040	0,10 / .004	.35 +.18 −.14	10 +5 −4	LOW	ON	VX81-A2-GE	
1.226	F	25,73 / 1.013	21,72 / .855	23,98 / .944	1,65 / .065	0,13 / .005	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-F1 VX11-F1	
1.250	F	25,58 / 1.007	21,72 / .855	23,83 / .938	1,65 / .065	0,13 / .005	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-FA	

NOTE
△A MEASUREMENTS TAKEN OVER PLUNGER

FORMTEK
DRAWN J A S 8AUG88
CHECK J A F 08DEC98
CHECK J A F 13JAN99
CHECK
ISSUE 21
DRAWING NUMBER M VX SERIES PAGE 2 OF 4
RELEASE NO. PR-12882
REPLACES X80986-VX
M VX SERIES CHART 1

REVISIONS
J CO-95107 G J W 29 APR 99
K CO-95704 DLM 22 MAR 00

CAUTION ELECTROSTATIC SENSITIVE DEVICES DO NOT OPEN OR HANDLE EXCEPT AT A STATIC FREE WORKSTATION
ESD SENSITIVITY: CLASS 3

MASTER REDUCED
ANSI Y14.5M-1982 APPLIES

MICRO SWITCH a Honeywell Division
FED. MFG. CODE 81929

SWITCH – SOLID STATE

CATALOG LISTING
VX SERIES
CHART 1

THIRD ANGLE PROJECTION
SCALE NONE
DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
ONE PLACE (.0) ±.030
TWO PLACES (.00) ±.015
THREE PLACES (.000) ±.005
ANGLES ±
WEIGHT

UNLESS OTHERWISE NOTED MECHANICAL CHARACTERISTICS ARE GIVEN ON LEVER OVER PLUNGER

"D" LEVER ACTUATION POINT	LEVER TYPE	"E" FREE POSITION (MAX)	"F" OPERATION POINT (MIN)	"G" RELEASE POINT (MAX)	OVER-TRAVEL (MIN)	DIFF TRAVEL (MIN)	FORCE AT OPERATE POINT		UNACTUATED OUTPUT VOLTAGE	OUTPUT TRANSISTOR △6	CATALOG LISTING		COMMENTS
							OUNCES	GRAMS			STYLE 1 △8	STYLE 2 △9	
.795	F △10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-F4		GENICOM DRAWING NO. 44A501960-001
.795	H	17,02 / .670	15,37 / .605	16,69 / .657	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓖ		
.795	F △10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	LOW	ON	Ⓖ		
.795	H	17,02 / .670	15,37 / .605	16,69 / .657	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-H2		
	NONE	16,38 / .645	14,22 / .560	15,54 / .612	1,02 / .040	0,05 / .002	1.2±.18	34±5	HIGH	OFF	VX30HP		
.795	A	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓖ		
.795	F	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓖ		
.795	F	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-F8		
.810	C	22,48 / .885	19,99 / .787	21,62 / .851	1,02 / .040	0,05 / .002	.19±.09	5.4±2.6	HIGH	OFF	VX10-C1L		

DRAWING NUMBER M VX SERIES CHART 1 PAGE 3 OF 4 | ISSUE 21 | RELEASE NO. PR-13520 | REPLACES X80986-VX

REVISIONS

A	PR16589	J A S 22 JUL 88	
A	PR16590	J A S 22 JUL 88	13JAN99
A	C064025	J A S 22 JUL 88	JAF
B	PR17180	K A G 3 MAR 89	CHECK
C	C093789	D L T 3 NOV 98	
D	PR23775	P P F 09 DEC 98	09DEC98
E	PR23787	M P O 13 JAN 99	
F	PR23760	G R T 25 FEB 99	JAF
G	C093843	D L T 14 APR 99	CHECK
H	CO-95107	G J W 29 APR 99	
J	CO-95704	D L M 22 MAR 00	22JUL88

FORMTEK DRAWN JAS 22JUL88

CAUTION ELECTROSTATIC SENSITIVE DEVICE — DO NOT OPEN OR HANDLE EXCEPT AT A STATIC FREE WORKSTATION
ESD SENSITIVITY: CLASS 3

MASTER REDUCED
ANSI Y14.5M-1982 APPLIES

MICRO SWITCH a Honeywell Division
FED. MFG. CODE 81929

SWITCH - SOLID STATE

CATALOG LISTING
VX SERIES
CHART 1

THIRD ANGLE PROJECTION

SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT

UNLESS OTHERWISE NOTED MECHANICAL CHARACTERISTICS ARE GIVEN ON LEVER OVER PLUNGER

"D" LEVER ACTUATION POINT	LEVER TYPE	"E" FREE POSITION (MAX)	"F" OPERATION POINT (MIN)	"G" RELEASE POINT (MAX)	OVER-TRAVEL (MIN)	DIFF TRAVEL (MIN)	FORCE AT OPERATE POINT		UNACTUATED OUTPUT VOLTAGE	OUTPUT TRANSISTOR △6	CATALOG LISTING		IBM DRAWING NO.	COMMENTS
							OUNCES	GRAMS			STYLE 1 △8	STYLE 2 △9		
.795	F△10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-F1		4592340	
.795	F△10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓕ		4593242	
.795	F△10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓕ		4593470	
.795	F△10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓕ		4592552	

IBM CORPORATION SWITCHES ONLY THIS PAGE

DRAWING NUMBER M VX SERIES CHART 1 PAGE 4 OF 4 RELEASE NO. PR-13487 REPLACES X80986-VX
ISSUE 21
FORMTEK DRAWN J A S 9AUG88 CHECK J A F 09DEC98 CHECK J A F 13JAN99 CHECK

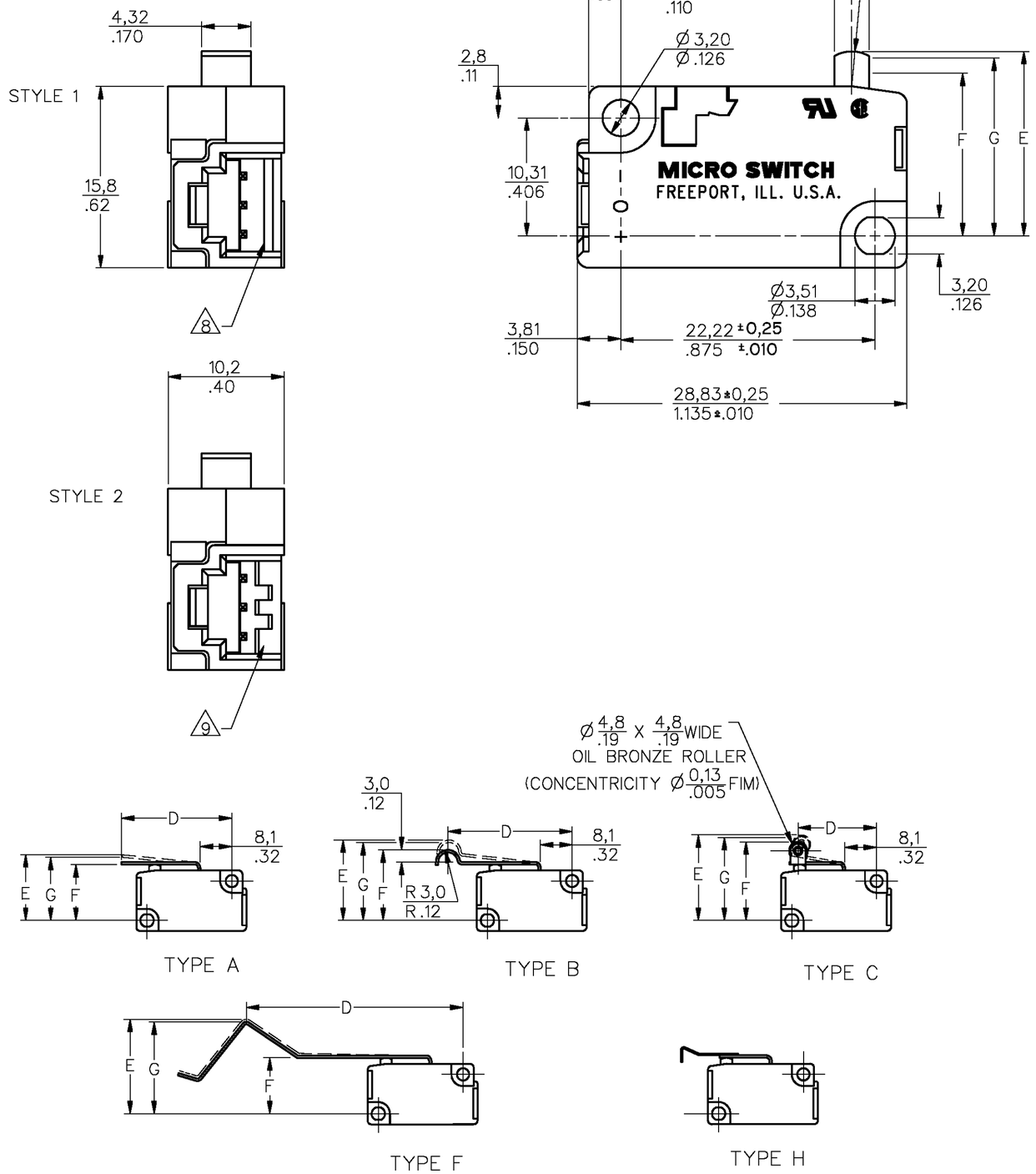
REVISIONS
A C064025 J.A.S. 9 AUG 88
B C093789 D.L.T. 3 NOV 98
C PR23775 P.P.F. 09 DEC 98
D PR23787 M.P.O. 13 JAN 99
E PR23760 G.R.T. 25 FEB 99
F C093843 D.L.T. 14 APR 99
G C0-95107 G.J.W. 29 APR 99
H C0-95704 DLM 22 MAR 00

MICRO SWITCH a Honeywell Division
FED. MFG. CODE 81029
SWITCH – SOLID STATE
CATALOG LISTING
VX SERIES
CHART 1

THIRD ANGLE PROJECTION
SCALE NONE
DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT



SCALE: FULL SIZE

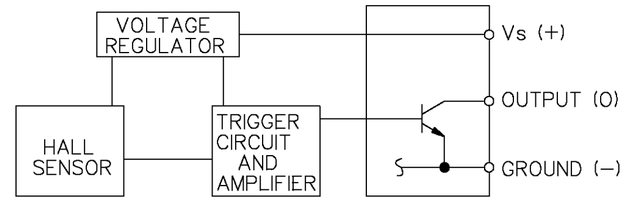
ABSOLUTE MAXIMUM RATINGS

SUPPLY VOLTAGE (Vs)	−24 TO +28 VOLTS DC
VOLTAGE EXTERNALLY APPLIED TO OUTPUT	28 VOLTS DC MAX WITH OUTPUT TRANSISTOR IN OFF CONDITION ONLY /1\/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

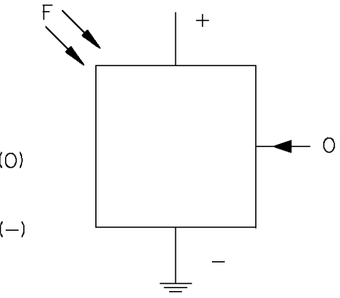
ELECTRICAL CHARACTERISTICS /1\

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

NOTES
/1\ REFER TO CHART TO DETERMINE THE UNACTUATED OUTPUT VOLTAGE AND OUTPUT TRANSISTOR STATE
/2\ 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
/5\ 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
/8\ ACCEPTS CONNECTOR EQUIVALENT TO AMP PART NO. 102241−1
/9\ ACCEPTS CONNECTOR EQUIVALENT TO MOLEX PART NO. 50−57−9403
/10\ SPECIAL LEVER FORM
/11\ SPECIAL TEMPERATURE FOR GE −40°C TO +60°C



BLOCK DIAGRAM SHOWING CURRENT SINKING OUTPUT



SWITCH SYMBOL

CAUTION ELECTROSTATIC SENSITIVE DEVICE
ESD SENSITIVITY: CLASS 3

THIRD ANGLE PROJECTION
SCALE 3 : 1
DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT

MICRO SWITCH a Honeywell Division
FED. MFG. CODE 81029

SWITCH − SOLID STATE

CATALOG LISTING
VX SERIES
CHART 1

MASTER REDUCED
ANSI Y14.5M−1982 APPLIES

DRAWING NUMBER VX SERIES CHART 1
PAGE 1 OF 4
ISSUE M 21
RELEASE NO. PR−12882
REPLACES X80986−VX

	DRAWN	CHECK
	J A F 7FEB95	K A G 16FEB95

FORMTEK

REVISIONS

A	C079902	J A F 7 FEB 95	J A F 09DEC98
B	PR22156	J A K 14 AUG 96	
C	C083741	J A K 8 OCT 96	
D	C093789	D L T 3 NOV 98	
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H	C093843	D L T 14 APR 99	
J	C095107	G J W 29 APR 99	
K	CO-95704	DLM 22 MAR 00	

"D" LEVER ACTUATION POINT	LEVER TYPE	"E" FREE POSITION (MAX)	"F" OPERATION POINT (MIN)	"G" RELEASE POINT (MAX)	OVER-TRAVEL (MIN)	DIFF TRAVEL (MIN)	FORCE AT OPERATE POINT		UNACTUATED OUTPUT VOLTAGE	OUTPUT TRANSISTOR △6	SOLDER PLATED TERMINALS	
							OUNCES	GRAMS			CATALOG LISTING	
											STYLE 1 △8	STYLE 2 △9
.795	NONE	16,38 / .645	14,22 / .560	15,54 / .612	1,02 / .040	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10	VX12
									LOW	ON	VX11	VX13
							3.0±.88	85±25	HIGH	OFF	VX80	Ⓗ
									LOW	ON	VX81	Ⓗ
.860	A	17,27 / .680	14,71 / .579	16,33 / .643	1,02 / .040	0,05 / .002	.35±.2	10±5	HIGH	OFF	VX10-A1	VX12-A1
									LOW	ON	VX11-A1	
							2.8±1.1	80±30	HIGH	OFF	VX80-A1	Ⓗ
									LOW	ON	VX81-A1	
1.400	A	19,28 / .759	13,94 / .549	17,32 / .682	2,16 / .085	0,10 / .004	0.2±.1	5 +3 −2	HIGH	OFF	VX10-A2	Ⓗ
									LOW	ON	Ⓗ	VX13-A2
							1.41±.50	40±15	HIGH	OFF	VX80-A2	VX82-A2
									LOW	ON	VX81-A2	
2.340	A	22,58 / .889	12,62 / .497	18,97 / .747	4,06 / .160	0,20 / .008	.10±.07	3±2	HIGH	OFF	VX10-A3	VX12-A3
									LOW	ON	VX11-A3	VX13-A3
							.75 +.35 −.25	21 +9 −7	HIGH	OFF	VX80-A3	Ⓗ
									LOW	ON	VX81-A3	
1.285	B	22,23 / .875	17,02 / .670	20,52 / .808	1,91 / .075	0,10 / .004	0.20 +.15 −.10	5 +4 −2	HIGH	OFF	VX10-B1	VX12-B1
									LOW	ON	VX11-B1	VX13-B1
							1.55±.53	44±15	HIGH	OFF	VX80-B1	Ⓗ
									LOW	ON		
.810	C	22,48 / .885	19,99 / .787	21,62 / .851	1,02 / .040	0,05 / .002	.40±.20	12±5	HIGH	OFF	VX10-C1	VX12-C1
									LOW	ON	VX11-C1	VX13-C1
							3.0±1.06	85±30	HIGH	OFF	VX80-C1	Ⓗ
									LOW	ON	VX81-C1	
.795 △A	A	17,78 / .700	14,73 / .580	16,13 / .635	1,02 / .040	0,10 / .004	.35 +.18 −.14	10 +5 −4	LOW	ON	VX81-A2-GE	
1.226	F	25,73 / 1.013	21,72 / .855	23,98 / .944	1,65 / .065	0,13 / .005	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-F1 VX11-F1	
1.250	F	25,58 / 1.007	21,72 / .855	23,83 / .938	1,65 / .065	0,13 / .005	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-FA	

NOTE
△A MEASUREMENTS TAKEN OVER PLUNGER

FORMTEK
DRAWN J A S 8AUG88
CHECK J A F 08DEC98
CHECK J A F 13JAN99
CHECK
ISSUE 21
DRAWING NUMBER M VX SERIES PAGE 2 OF 4
RELEASE NO. PR-12882
REPLACES X80986-VX
M VX SERIES CHART 1

REVISIONS
J CO-95107 G J W 29 APR 99
K CO-95704 DLM 22 MAR 00

CAUTION ELECTROSTATIC SENSITIVE DEVICES DO NOT OPEN OR HANDLE EXCEPT AT A STATIC FREE WORKSTATION
ESD SENSITIVITY: CLASS 3

MASTER REDUCED
ANSI Y14.5M-1982 APPLIES

MICRO SWITCH a Honeywell Division
FED. MFG. CODE 81929

SWITCH – SOLID STATE

CATALOG LISTING
VX SERIES
CHART 1

THIRD ANGLE PROJECTION
SCALE NONE
DO NOT SCALE PRINT
UNLESS OTHERWISE SPECIFIED TOLERANCES ARE
ONE PLACE (.0) ±.030
TWO PLACES (.00) ±.015
THREE PLACES (.000) ±.005
ANGLES ±
WEIGHT

UNLESS OTHERWISE NOTED MECHANICAL CHARACTERISTICS ARE GIVEN ON LEVER OVER PLUNGER

"D" LEVER ACTUATION POINT	LEVER TYPE	"E" FREE POSITION (MAX)	"F" OPERATION POINT (MIN)	"G" RELEASE POINT (MAX)	OVER-TRAVEL (MIN)	DIFF TRAVEL (MIN)	FORCE AT OPERATE POINT		UNACTUATED OUTPUT VOLTAGE	OUTPUT TRANSISTOR △6	CATALOG LISTING		COMMENTS
							OUNCES	GRAMS			STYLE 1 △8	STYLE 2 △9	
.795	F △10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-F4		GENICOM DRAWING NO. 44A501960-001
.795	H	17,02 / .670	15,37 / .605	16,69 / .657	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓖ		
.795	F △10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	LOW	ON	Ⓖ		
.795	H	17,02 / .670	15,37 / .605	16,69 / .657	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-H2		
	NONE	16,38 / .645	14,22 / .560	15,54 / .612	1,02 / .040	0,05 / .002	1.2±.18	34±5	HIGH	OFF	VX30HP		
.795	A	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓖ		
.795	F	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓖ		
.795	F	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-F8		
.810	C	22,48 / .885	19,99 / .787	21,62 / .851	1,02 / .040	0,05 / .002	.19±.09	5.4±2.6	HIGH	OFF	VX10-C1L		

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REVISIONS

A	PR16589	J A S 22 JUL 88	
A	PR16590	J A S 22 JUL 88	13JAN99
A	C064025	J A S 22 JUL 88	JAF
B	PR17180	K A G 3 MAR 89	CHECK
C	C093789	D L T 3 NOV 98	
D	PR23775	P P F 09 DEC 98	09DEC98
E	PR23787	M P O 13 JAN 99	
F	PR23760	G R T 25 FEB 99	JAF
G	C093843	D L T 14 APR 99	CHECK
H	CO-95107	G J W 29 APR 99	
J	CO-95704	D L M 22 MAR 00	22JUL88

FORMTEK DRAWN JAS 22JUL88

CAUTION ELECTROSTATIC SENSITIVE DEVICE — DO NOT OPEN OR HANDLE EXCEPT AT A STATIC FREE WORKSTATION
ESD SENSITIVITY: CLASS 3

MASTER REDUCED
ANSI Y14.5M-1982 APPLIES

MICRO SWITCH a Honeywell Division
FED. MFG. CODE 81929

SWITCH - SOLID STATE

CATALOG LISTING
VX SERIES
CHART 1

THIRD ANGLE PROJECTION

SCALE NONE

DO NOT SCALE PRINT

UNLESS OTHERWISE SPECIFIED TOLERANCES ARE

ONE PLACE	(.0)	±.030
TWO PLACES	(.00)	±.015
THREE PLACES	(.000)	±.005
ANGLES		±

WEIGHT

UNLESS OTHERWISE NOTED MECHANICAL CHARACTERISTICS ARE GIVEN ON LEVER OVER PLUNGER

"D" LEVER ACTUATION POINT	LEVER TYPE	"E" FREE POSITION (MAX)	"F" OPERATION POINT (MIN)	"G" RELEASE POINT (MAX)	OVER-TRAVEL (MIN)	DIFF TRAVEL (MIN)	FORCE AT OPERATE POINT		UNACTUATED OUTPUT VOLTAGE	OUTPUT TRANSISTOR △6	CATALOG LISTING		IBM DRAWING NO.	COMMENTS
							OUNCES	GRAMS			STYLE 1 △8	STYLE 2 △9		
.795	F△10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	VX10-F1		4592340	
.795	F△10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓕ		4593242	
.795	F△10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓕ		4593470	
.795	F△10	17,02 / .670	14,86 / .585	16,18 / .637	0,91 / .036	0,05 / .002	.35 +.18 −.14	10 +5 −4	HIGH	OFF	Ⓕ		4592552	

IBM CORPORATION SWITCHES ONLY THIS PAGE

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REVISIONS
A C064025 J.A.S. 9 AUG 88
B C093789 D.L.T. 3 NOV 98
C PR23775 P.P.F. 09 DEC 98
D PR23787 M.P.O. 13 JAN 99
E PR23760 G.R.T. 25 FEB 99
F C093843 D.L.T. 14 APR 99
G C0-95107 G.J.W. 29 APR 99
H C0-95704 DLM 22 MAR 00

MICRO SWITCH a Honeywell Division
FED. MFG. CODE 81029
SWITCH – SOLID STATE
CATALOG LISTING
VX SERIES
CHART 1

THIRD ANGLE PROJECTION
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WEIGHT