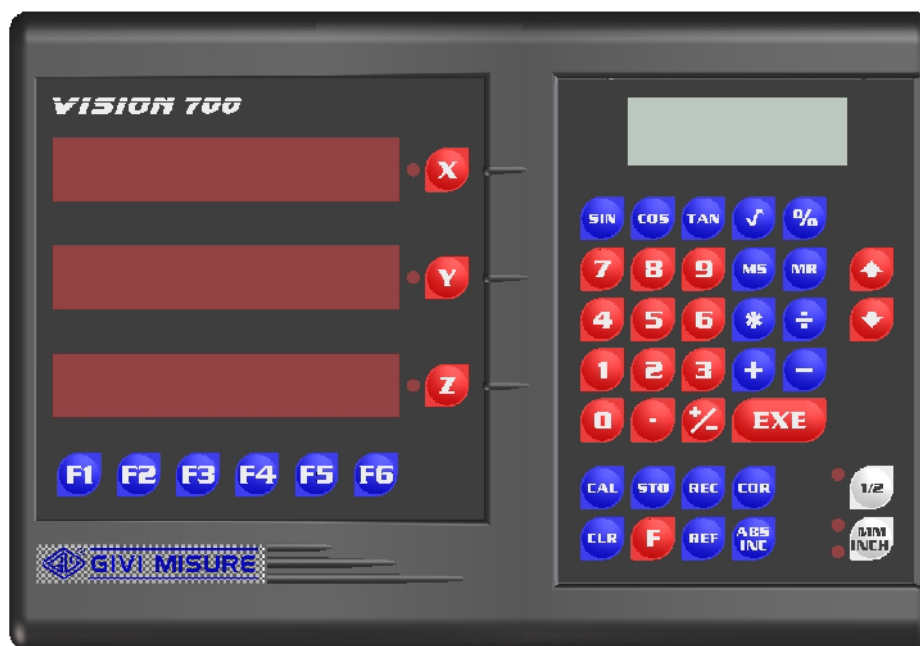


VISION 700

МИКРОКОМПЬЮТЕР



COMPANY
WITH QUALITY SYSTEM
CERTIFIED BY DNV
= ISO 9001/2000 =

Via Assunta, 57 - 20054 - Nova Milanese (MILANO)



+39 0362/366126



+39 0362/366876



sales@givimisure.it

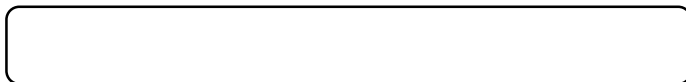


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VISION 700 МИКРОКОМПЬЮТЕР

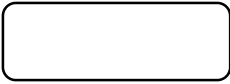


« ».....	4
.....	5
.....	6
().....	7
().....	7
.....	8
-	10
.....	13



.....	14
.....	15
.....	16
.....	16
/	17
.....	19
.....	19
..... F 0 EXE.....	20
..... F 9 EXE.....	21
..... F 26 EXE.....	22
..... F 28 EXE.....	23
..... F 30 EXE.....	24
10 F 31 EXE.....	25
..... F 32 EXE.....	28
/	29
..... F 34 EXE.....	30
..... F 36 EXE.....	30
..... F 37 EXE.....	30
..... F 38 EXE.....	31
..... LCD F 44 EXE.....	32
..... LCD F 46 EXE.....	32
..... LCD F 48 EXE.....	33
..... LCD F 50 EXE.....	34
..... LCD F 52 EXE.....	35
..... LCD F 54 EXE.....	36
..... F 55 EXE.....	37
..... F 64 EXE.....	38
..... F 66 EXE.....	39
..... F 68 EXE.....	40
..... F 69 EXE.....	41
..... F 70 EXE.....	43
..... F 72 EXE.....	47
..... F 74 EXE.....	47
..... F 78 EXE.....	48
..... LCD F 80 EXE.....	49
/	49
..... F 81 EXE.....	49
..... F 89.....	50
W	52
..... F Z	52
..... STO.....	53
..... F REF	54
..... F nn Fn	55
..... (F1-F6).....	55
..... F 98718 EXE	57
..... F 98762 EXE	58
..... CAL	58
..... RS 232.....	59

100
100



LCD

.....



60



.....



61

.....



62

.....



63

.....



64



: GIVI MISURE SRL
 : VIA ASSUNTA, 57 - 20054 NOVA MILANESE (MI)
 :
 ITALY

VISION

:
 : **VISION 700**

EC,

- 2006/95/
- 98/37/ (III) CE
- 2004/108/

:

EN 61010-1
 EN 60529 (IP)
 EN 61000-6-3 (EMC) – 6.3:

EN 55011 (ISM)
 EN 55022 (ITE)

EN 61000-6-2 (

EN 61000-4-2)
 EN 61000-4-3

()

EN 61000-4-4
 EN 61000-4-6 ,

CE: 95



PIERLUIGI GUERRA

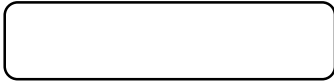



GIVI MISURE

VISION 700

VISION,

 	<p style="text-align: right;">(WEEE)</p> <p>2002/96/EC</p> <p><i>WEEE</i></p>
---	---





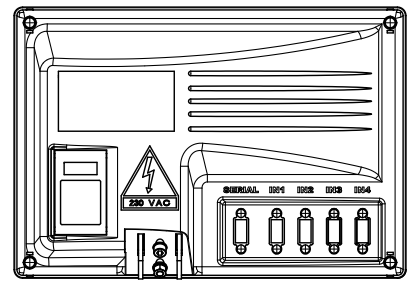
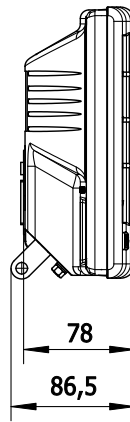
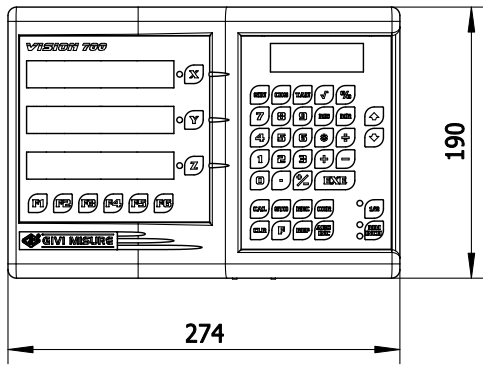
EC 98/37.

- 230 . - 50/60 110 . - 60 (Øf 5 x 20)
- 24 . 500 A 250 . 50/60 ()

_____ :

(rEF).

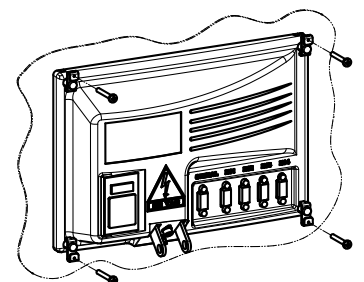
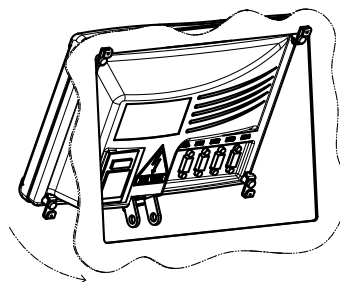
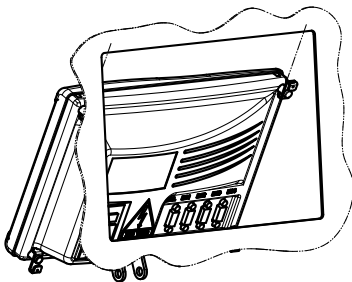
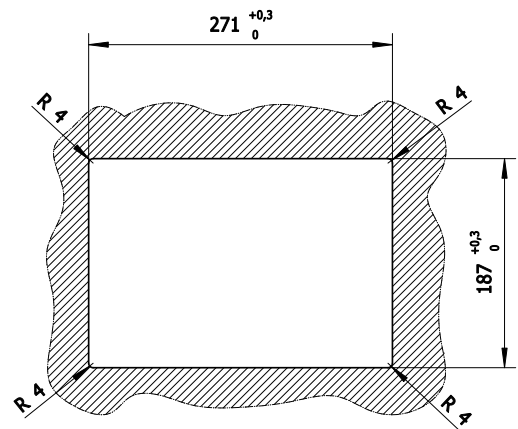
()

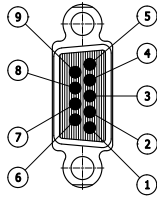
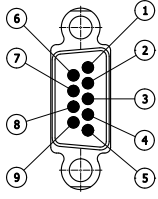


()



: 2 ÷ 5 .





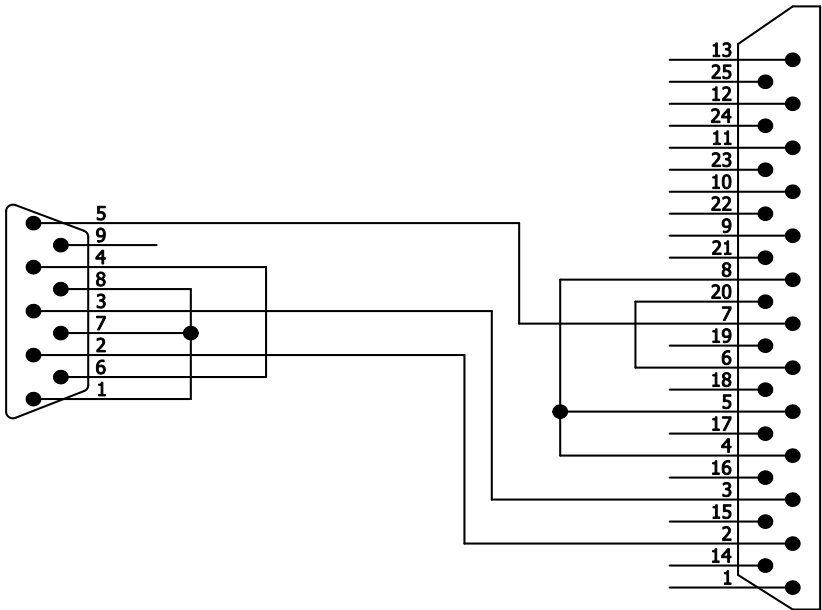
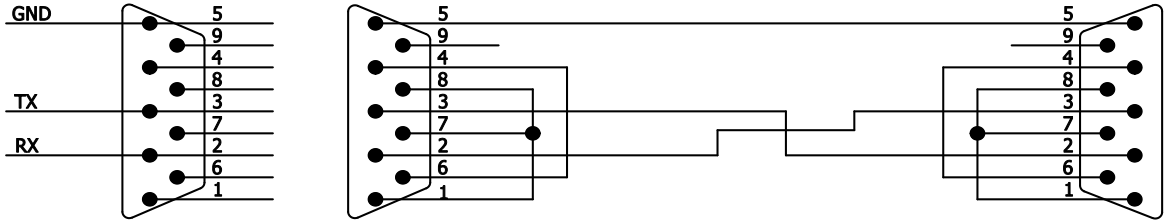
IN1 / IN2 / IN3 / IN4

		1	2	3	4	5	6	7	8	9
		/	RX	TX	/	GND	/	/	/	/

IN.1-IN.4		1	2	3	4	5	6	7	8	9
		B	/	Z	A	/	/	V+	GND	SHD

VISION – VISION –

(RS-232) VISION



-

:

X **Y** **Z**

X, Zo Z

CLR

133.05

+/-

« »

EXE

↑ **↓**

, « »

MM INCH **1/2**

.

REF **ABS INC**

.

STO **REC** **COR**

/

F

), (

F1 **F6**

CAL

+ **-** ***** **÷**

()

SIN COS TAN √ %

MS MR



Error

Error 20

:

10	(rEF)
11	
12	
20	
21	
22	
23	
28	
80	LCD
81	
90	()
E0	()



VISION

()

A)

(/)

B)

C)

()



“ ”

“F0”



()

(),

ABS/INC

(rEF).

(rEF).

).



CLR,

(
).

X =
Y =
Z =

:

F 98722 **EXE** 1 dir- *X

(-)

+/- (...) 1 -dir *X

EXE 1 -dir X

Y).

(

EXE 2 dir- Y

Z:

3 dir- *Z

+/- (...) 3 -dir *Z

EXE XXX.XX Z

EXE

(

CLR

).

(rEF)

(rEF)

20

A)

(rEF)

B)

(rEF)

X /

Y /

Z **REF**

r E F

X and/or

Y and/or

Z

CLR.

A)

B)

C)

(rEF),

(rEF)

[Empty rounded rectangular box]

t E S t

✱X

n o E r r o r

✱X

A

- (ABS) =
- (INC) =
- =

:

X / Y / Z

1 2 3 . 4 5

X and/or

✱Y and/or

Z

ABS
INC

1 2 3 . 4 5

●X

(ABS) () (INC).

(ABS/INC).

(,) ,

..

/

X / **Y** / **Z**

1 2 3 . 4 5

X and/or
***Y** and/or

Z

CLR

0 . 0 0

X and/or
Y and/or
Z

(**Y** 113.03),

113.03 Y:
1 2 3 . 4 5

***Y**

EXE

1 1 3 . 0 3

Y

100.05 X Z:
X **Z** 100.05

1 0 0 . 0 5

***X** AND **Z**

EXE

1 0 0 . 0 5

X AND **Z**

:

a) 1250

1 2 5 0 . 0 0

) 1133.04

1 1 3 3 . 0 4

- : 13.051 13.054 1 3 . 0 5

- : 13.055 13.059 1 3 . 0 6

) 7 , :

-999999.9
-99999.99
-9999.999

“ ”.

123456.78 Y:
Y 123456.78

E r r o r X

1 2 3 4 5 6 . 7 *Y

EXE (« ») :

----- Y

Y XXXXX.XX **EXE** :

XXXXX. XX Y

Y **CLR** :

0.00 Y

) (-))

[Empty rounded rectangular box]

(MM/

MM
INCH

« ».

[Empty rounded rectangular box]

(Y: A B
, . .)

A) Z 30.00 A.
, Z (

B) **Y** **1/2** **30.00** **Y**

Y 1/2.
« »

C) B. 52.22.
Y

D) **1/2** **EXE** **11.11** **Y**

(A B.) Y ,
"0.00",

:

F 0

¹¹
F 0 **EXE** , 

1:

8:

2:

9:

10:

1 () .

11:

3:

4:

5:

6:

7:

EXE.

F 9



(. RS-232)
(.19)

F 9.

F

9

EXE

P r t. 0

X

+/-

(0-19)

P r t. 1

X

EXE

57.0865

X

(4):

= DIGITAL READOUT =
AXIS X : 57.0865
AXIS Y : 10.8480
AXIS Z : -7.0985
UNIT : INCH

-----1
-----2
-----3
-----4

----->
----->
----->
----->

= DIGITAL READOUT =
AXIS X : 57.0865
AXIS Y : 10.8480
AXIS Z : -7.0985
UNIT : INCH

F 26

6

13.75 :

F 26 **EXE**

Orig.

X

EXE

StEP

X

13.75 **EXE**

X

0.00

X

X

X (X

- 13.75

X

CLR,

REF,

$13.75 \times n^{\circ} 5 = 68.75$ ()

X

+/-

- P.C. COSTANTE -
PASSO X: 1 ←

A)

(13.75 +/- EXE).

B)

C)

F 28

[Empty box]

), (" " ()

		(.)				
		X	Y	Z	W	
		(In 1)	(In 2)	(In 3)	(In 4)	
A	VI722IN			--	--	--
B	VI723IN		Рез. салазки	Суппорт	--	--
C	VI723TO		Рез. салазки	Суппорт	--	Y
D	VI733IN				--	--
E	VI733TO		Суппорт	Рез. салазки	--	Y
F	VI733FR				--	--
G	VI734IN				Шпин- ЛЬ	Z
H	VI734FV				Шпин- ЛЬ	Z
I	VI734FT				Шпин- ЛЬ	Y
J	VI734AL				Шпин- ЛЬ	X

1.

2.

F 28 **EXE**



EXE

ALG.S. yes ✱X

ALG.S. no ✱X

1 2 3. 4 5 X

).

F 30

) **400,20** , **200**
) **399,88** , **120**

$400,20 : 400,00 = 1,0005$ (CF)
 $399,88 : 400,00 = 0,9997$ (CF)

F	30	EXE	1.000000	X
1.0005		EXE	1.000500	X
0.9997		EXE	0.999700	X

X CF.

A) _____ (_____)

) _____ , _____

) _____ (_____)

) _____ .15) _____

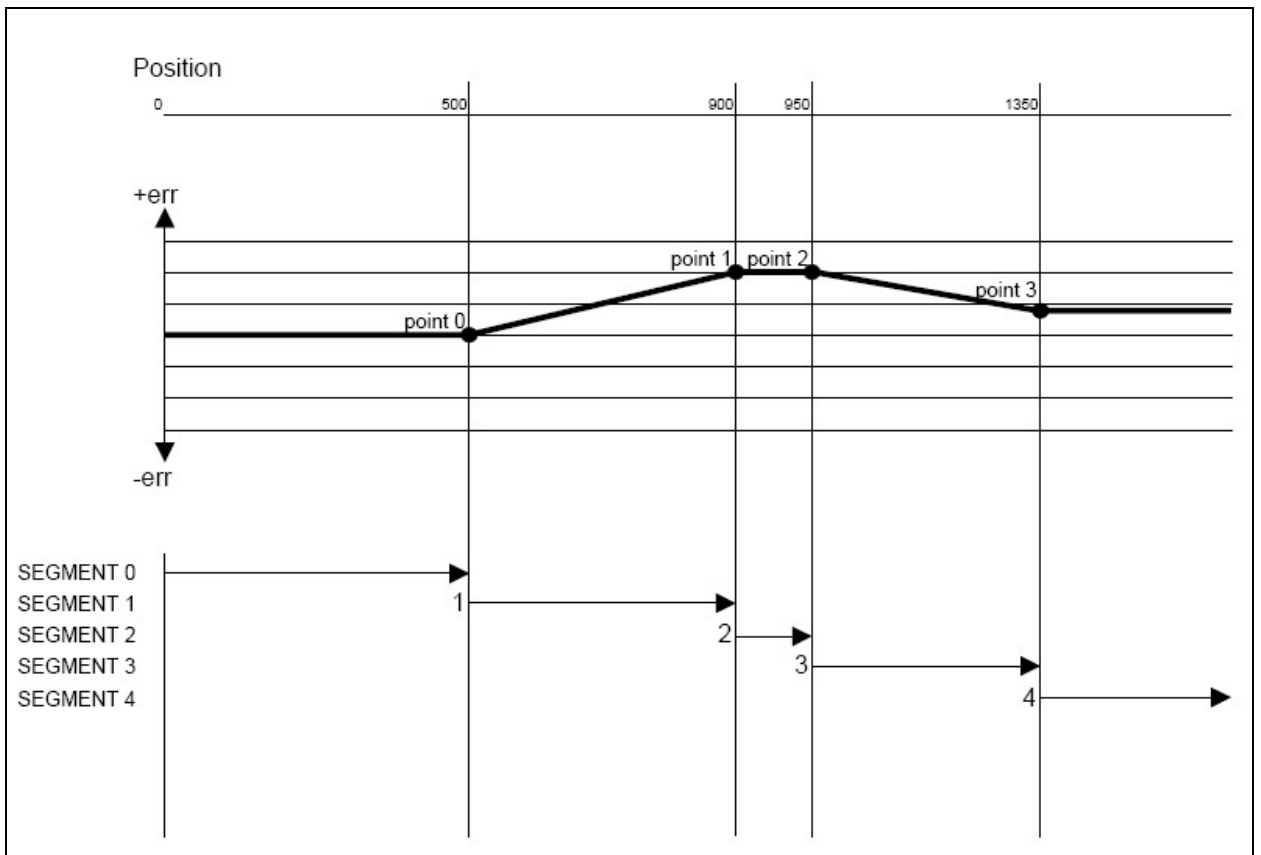
) _____

) _____ (_____)

) _____ (_____)

(CF)

(500 900)
 950 1350 .



- 1) 400.20
- 3) 399.88

- 200
- 120

1
 3
 0, 2, 4

400.20 : 400.00 = 1.0005 (CF)
 399.88 : 400.00 = 0.9997 (CF)
 (CF) = 1.0000

F 31 **EXE**

S E G.C. no ✱X

+/-

S E G.C. yes ✱X

EXE

S E G.C. no ✱Y

(X,Y,Z W).

COR

1 2 3 . 4 5 ✱X

(«0») (. 500

5 0 0 . 0 0 ✱X

EXE

(«1»).

400 .

4 0 0 . 0 0 ✱X

: 400.20 .

4 0 0 . 2 0 ✱X

EXE

5 0 . 0 0 ✱X

EXE,

5 0 . 0 0 ✱X

EXE

400.00 ✱X

: 399.88mm.

399.88 ✱X

EXE

0.00 ✱X

CLR

S E G.C. yes ✱X

(X,Y,Z W).

- (REFs.
-)
- ,
- F30
- F30. F31,
- (, .) ,
- () .
- CF = 1.
- F31
- F28).
- COR

F 32

(ScF)

•			1 : 2.5 (ScF = 2.5)	1 : 4 (ScF = 4)	•
•			2 : 1 (ScF = 0.5)	4 : 1 (ScF = 0.25)	•
• %	(*)	+ 10%	(ScF = 0.9)	+ 15% (ScF = 0.85)	•
• %	(*)	- 10%	(ScF = 1.1)	- 15% (ScF = 1.15)	•

(*)

, ABS INC.

(1:1),

()

F 32 **EXE**

ScF no

✱X

+/-

ScF yes

✱X

EXE

1.000000

✱X

1 : 2,5

2.5 **EXE**

1 2 3. 4 5

X

F 34

/

F

34

EXE

r A d

✱X

:

+/-

◦ di A

✱X

EXE

◦ di A

X

).

,
:

A)

B)

1
2

1.

2.

3.

4.

F 36



36



r

0.00

X



+/-

r

0.0

X

EXE.

F 37

F37.



37



d M S

no

X



d M S

yes

X



0.00.00

X

GGG.MM.SS.

(/).

- 1.
- 2.

F 38

$$\frac{360^\circ}{PPR(\quad / \quad)} \times 4$$

$$0.01^\circ - 0.005^\circ - 0.002^\circ - 0.001^\circ$$

« ».
PPR (/).

$$: 1^\circ - 0.5^\circ - 0.2^\circ - 0.1^\circ - 0.05^\circ - 0.02^\circ -$$

$$- 3.6 \quad (0.001^\circ) \\ 90.000.$$

- A) $0^\circ \quad 360^\circ$
- B) $0^\circ \quad 180^\circ$

$$-180^\circ \quad 0^\circ$$

F 38 **EXE**

A n G. **X**

0 . 3 6 0 **Y**

+ / -

- 1 8 0 . 1 8 0 **Y**

EXE

0 . 0 0 **X**

- 1.
- 2.
- 3.
- 4.

F 44



$\varnothing 1 = 60 \text{ mm}$

$\varnothing 2 = 80 \text{ mm}$

$L = 190 \text{ mm}$

F 44 **EXE**

MIN. DIAMETER
(.)

$\varnothing 1,$ 60 **EXE**

MAX. DIAMETER
(.)

$\varnothing 2,$ 80 **EXE**

LENGTH
()

L, 190 **EXE**
3.013°

>> ANGLE <<
...() 3.013°

CLR

DIGITAL READOUT
VISION 700

LCD

F 46



F 46 **EXE**

AUT. TAPER
MIN. DIAMETER
(. . .)

EXE

AUT. TAPER
MAX. DIAMETER
(. . .)

EXE

>> ANGLE <<
() X.XXX°

CLR

DIGITAL READOUT
VISION 700

LCD

F 48



F

48

EXE

SELECTED THREAD
- ISO STANDARD
(- ISO)

+/-

SELECTED THREAD
- ISO STANDARD
(- ISO)

EXE

DIAMETER (mm)
- ISO STANDARD
(() - ISO)

6

EXE

PITCH (mm)
- ISO STANDARD
(() - ISO)

1

EXE

SCREW TOOLS RAD.
0.144338 mm
(,)

EXE

HOLE TOOL RAD.
0.072169 mm
(.)

HOLE INT. DIAM.
4.91747 mm
(.)

HOLE EXT. DIAM.
6.072169 mm
(.)

WEB DIAMETER
4.77313 mm
()

CLR

DIGITAL READOUT
VISION 700

:

LCD

F 50

F

50

EXE

SEL. MATERIAL
()
- ALUMINIUM
()

+/-

EXE

SEL. MATERIAL
()
- STEEL
()

:

:

F

50

EXE

SEL. MATERIAL
()
- ALUMINIUM
()

COR

**-WEIGHT MATERIAL -
NEW DENSITY**
()

(3.2)

3.2

EXE

GEOMETRICAL SHAPE
- ROUND
()

STO,

(0 9)

EXE.

4,

F 50 EXE REC 4 EXE.

COR

LCD

F 52

[Empty rectangular box]

(/).

F 52 **EXE**

**ENTER RPM VALUE
VISION 700
(/)**

50 /

50 **EXE**

**ENTER DIAMETER
VISION 700
()**

200

200 **EXE**

**SPEED (m/min)
31.416
(/)**

200

50

/ 31,416 / .

CLR

**DIGITAL READOUT
VISION 700**

:

LCD

.

F 54

F 54 **EXE**

**ENTER SPEED VALUE
VISION 700
()**

70 **EXE**

**ENTER DIAMETER VALUE
VISION 700
()**

100 **EXE**

100

**SPEED(rpm)
222.817
(/)**

222,817

F 98718

NOTE:

CLR

**DIGITAL READOUT
VISION 700**

LCD

F 55

F 55 **EXE**

S E n d n o

✱X

+/-

S E n d y e s

✱X

EXE

5 7 . 0 8 6 5

7.0985)
+ 2

0,4
).

(, X=57.0865, Zo=10.8480, Z=-
ASCII (9

" 57.0865" + CR + LF
" 10.8480" + CR + LF
" -7.0985" + CR + LF

CR = (0Dh)
LF = (0Ah)

F 64

F 64 **EXE**

EXE

100 **EXE**

0 **EXE**

4 **EXE**

STO 0 **EXE**

X- 50,00 Y 0,00
0

CRL. EXE.

F 64 **EXE** **REC**

COR **+/-**

EXE

4
C E n t E r *X

d i A M E t E r *X

S t. A n G *X
0°

n r. P n t. *X

- 5 0 . 0 0 *X

0 . 0 0 *Y

0
F L G 0 *X

F L G 0 *X

DIAMETER
100 mm

F 66

F 66 **EXE**

EXE

100 **EXE**

0 **EXE**

180 **EXE**

3 **EXE**

STO 0 **EXE**

X- 50,00 Y 0,00
0

CRL. EXE.

F 66 **EXE** **REC**

COR **+/-**

EXE

C E n t E r *X

d i A M E t E r *X

S t. A n G *X

0°. **E n d. A n G** *X

180°. **n r. P n t.** *X

- 5 0 . 0 0 *X

0 . 0 0 *Y

FLG 0 *X

FLG 0 *X

DIAMETER
100 mm

F 68

Empty rectangular box for input or display.

Y).

F 68 **EXE**

Orig. *X

EXE

StEP *X

100 **EXE**

0.00 X

EXE **EXE**

AnG. *X

45°.

45 **EXE**

0.00 *X

(

STO 0 ^{0 9)} **EXE**

ProG. 0 *X

F 68 **EXE** **REC**

ProG. 0 *X

COR **+/-**

AXIS X
100.00 mm

EXE

X

- C.P. INCLINED -
PITCH X: 1 →

X Y

-70, 71

0

CTL.

REF.



X

- C.P. INCLINED -
PITCH X: 1 ←

F 69



"0"

X = 1.5
Y = 0



69



0.00 * X

X

1.5



1 2 3. 4 5 X

X

Y.

0



1 2 3. 4 5 Y

Y

(Z),

X

(+/- 1.5).

1.

2.

3.

0

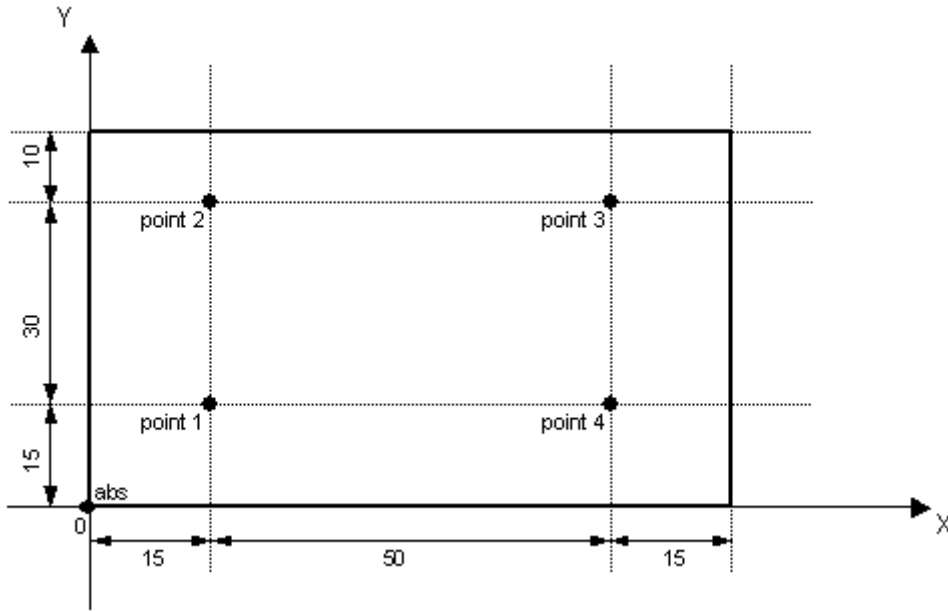
4.

5.

F 70

1000

X,Y,Z,



F 70 **EXE**

Orig. **X**

Z

123.45 **Z**

X Y (abs).

EXE
10)

SdM 10 **X**

STO

0.00 **X**

X Y

X = 0,00 Y = 0,00.

X Y X = 15,00 Y = 15,00 (1).

EXE

10 X Y

15.00

X

15.00

Y

X Y X = 15,00 Y = 45,00 (2)

EXE

11 X Y

15.00

X

45.00

Y

X Y X = 65,00 Y = 45,00 (3)

EXE

12 X Y

65.00

X

45.00

Y

X Y X = 65,00 Y = 15,00 (4)

EXE

13 X Y

65.00

X

15.00

Y

CLR

123.45

X

10-13

10):

F

70

EXE

Orig.

X

(abs).

Z

)

(

123.45

Z

X Y

(abs).



(, 10)

S d M 10 ✱X



X Y

(n. 10)

- 15.00 ✱X

- 15.00 ✱Y

X Y

X = 0,00 Y = 0,00 (1)



Y

11

X

0.00 ✱X

- 30.00 ✱Y

X Y

X = 0,00 Y = 0,00 (2)



Y

12

X

- 50.00 ✱X

0.00 ✱Y

X Y

X = 0,00 Y = 0,00 (3)



Y

13

X

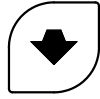
0.00 ✱X

- 30.00 ✱Y

X Y X = 0,00 Y = 0,00 (4)

(, 4

3):



Y

12

X

0.00

✱X

- 30.00

✱Y



1

50.00

✱X

0.00

✱Y

X Y X = 0,00 Y = 0,00 (1)



123.45

X

- 1. :
- 2. 0 999 , .
- 3. , .
- 4. , .

F 72

³
F 72 **EXE**

- AUT. CIRCLE CALC.
POINT 1
(. / 1)

EXE

- AUT. CIRCLE CALC.
POINT 2
(. / 2)

(. 45°)

EXE

- AUT. CIRCLE CALC.
POINT 3
(. / 3)

(. 45°)

EXE

X CENTER QUOTA
- 30.00 mm

():

EXE

Y CENTER QUOTA
- 27.35 mm

Y ():

Y.

CLR

DIGITAL READOUT
VISION 700

F 74

F 74 **EXE**

n o r **X**

+/-

S P E C **X**

EXE

S P E C **X**

EXE,

F 78



F32

EXE



78



S c F

no

✱ X



S c F

yes

✱ X



1 2 3. 4 5

X

LCD

1 : 2,5,

SCALE VALUE
DEC. 150.0000 %

- 1.
- 2.

LCD

F 78.

CLR,

F 80

LCD

:



80



S P d no

✱X



S P d yes

✱X



1 2 3. 4 5

X

/

/

X 0.000 Y 0.000
Z 0.000 m/min

:

LCD

- 1.
- 2.

F 80.

CLR

- 3.
- 4.

F78 LCD

- 5.

VISION

Z.

F 81

/

LCD



81



S E L no

✱X



S E L yes

✱X



1 2 3. 4 5

X

8 LCD

ORG = 0 TOOL = 8
VISION 700

:

LCD

F 89

, , LCD- ().

:

F 89 **EXE**

1 2 3. 4 5

X

1)

, .
6 / .
(').

((, -),
(. Z):

F A u L t 3

X

(1/2/3/4)

X,Y,Z W

2)

EXE

C o d E 000

✱X

sin	001	mr	110	+	308	rec	504	f6	702
cos	002	4	201	-	310	cor	508	z	704
tan	004	5	202	0	401		510	y	708
sqr	008	6	204	.	402	F	601	x	710
%	010	*	208	+/-	404	ref	602	f5	801
7	101	/	210	exe		abs	604	f4	802
8	102	1	301		410	mm	608	f3	804
9	104	2	302	cal	501	1/2	610	f2	808
ms	108	3	304	sto	502	clr		f1	810

:



C o d E 404 ✱X



C o d E 601 ✱X



C o d E 502 ✱X

3)



·88.8.8.8.8.8.8. ●X

4)



“0123456789”

0 1 2 3 4 5 6 7 X

5)



✱X

6)



LCD ()

--- TEST LCD ---
-- 2x16 DISPLAY --



DIGITAL READOUT
VISION 700

F Z

W

W

Z

:

Z = 10,00

W = 35,50

F

Z

35.50.

Z

Z

W,

(Z):

F

Z

10.00

Z

:

1. 4-

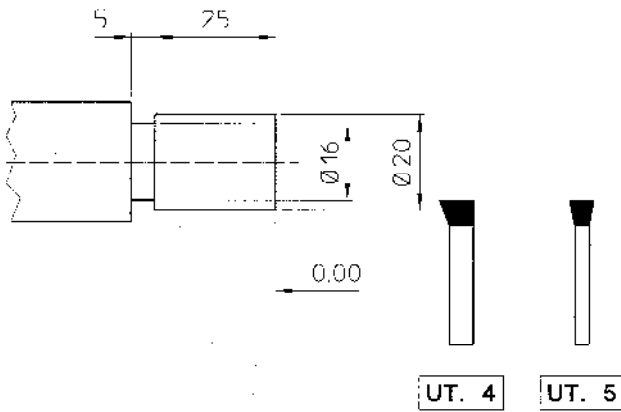
2. 4-

3. 4-

Z.

STO 100

100 ()
 rEF (0-99).



STO

4

EXE

tool 0 X

STO

5

EXE

tool 5 X

REC

4

EXE

tool 4 X

0.00

(0-99). () 100

.(. . 15)

REF

F	REF	1	EXE	O r G	1	X
		()			

REF	1	EXE	O r G	1	X
		0,00			

F1-F6

[Empty rectangular box]

F26 « »

F1.

F	26	F1	F u n C	26	X
----------	----	-----------	----------------	----	----------

F26 :

F1	O r i G.	X and/or
		Y and/or
		Z

1. :
2. ,
3. , **F1-F6,**
F nn EXE

F 98718

[Empty rounded rectangular box]

F 98718 **EXE**

- SET SPEED -
- INDEFINITE
(-)



- SET SPEED -
- DISCRETE
(-)

EXE

- SET SPEED -
01 <<

25 **EXE**

- SET SPEED -
02 <<

-20 /

EXE,

()

STO,

()

COR

EXE.

()

F 98718 **EXE**

- SET SPEED -
- DISCRETE
(-)



- SET SPEED -
- CONTINUOUS
(-)

EXE

- SET SPEED -
- MINIMUM
(-)

6 (6 /)
EXE

- SET SPEED -
- MAXIMUM
(-)

2700 (2700 /)
EXE

**DIGITAL READOUT
VISION 700**

F 98762

F 98762 **EXE**



EXE

SELECT LANGUAGE
- ENGLISH
(-)

SELEZIONE LINGUA
- ITALIANO
(-)

DIGITAL READOUT
VISION 700

:

LCD

.

[Empty box]

()
, ()
, , ,)
MS MR

CAL X **0.** X

, tan(60) + 120,5

60 TAN **1.73** X

+ 120.5 **EXE** **122.23** X

: 350 + MR

MS **122.23** X

CLR 350 **+** **MR** **EXE** **472.23** X

CLR **0.** X

CAL **123.45** X

RS-232

(US-232)

9600
8
1

X / **Y** / **Z**

10.8480

X and/or
Y and/or
Z

EXE

= DIGITAL READOUT =
AXIS X : 57.0865
AXIS Y : 10.8480
AXIS Z : -7.0985
UNIT : INCH

ASCII

“Q”+CR+LF

(9 +2 (. .X=5708.65, Y=10.8480, Z=-7.0985)):

“ 57.0865 ”+ CR + LF
“ 10.8480 “+ CR + LF
“ -7.0985 “+ CR + LF

CR=

(0Dh); LF=

(0Ah)

LCD

LCD (16)

():

:

F 44 –
F 46 –
F 48 –
F 50 –
F 52 –
F 54 –

:

F 98762 –
F 78 –
F 80 –
F 81 –



МОДЕЛЬ:	<i>VISION 722IN</i>	2	-2	
	<i>VISION 723IN</i>	2	-3	
	<i>VISION 723TO</i>	2	-3	
	<i>VISION 733IN</i>	3	-3	
	<i>VISION 733TO</i>	3	-3	
	<i>VISION 733FR</i>	3	-3	
	<i>VISION 734IN</i>	3	-4	
	<i>VISION 734FV</i>	3	-4	
	<i>VISION 734FT</i>	3	-4	
	<i>VISION 734AL</i>	3	-4	
ДИСПЛЕЙ:	7		$h=17$	
ВХОДНЫЕ СИГНАЛЫ:	5° +		05	90° ±
ЧАСТОТА СЧИТЫВАНИЯ:	X	250		
	Y	250		
	Z	250		
ЭЛЕКТРОПИТАНИЕ:	230 / .	± 10% - 50/60		
	110 / .	± 10% - 60		
	24 / .	± 10% - 50/60		
ПОТРЕБЛЕНИЕ ТОКА:	50 (230 / .)			
	100 (110 / .)			
	450 (24 / .)			
РАЗЪЁМЫ:	D-SUB 9p F (), D-SUB 9p M (RS-232)			
ПАМЯТЬ:				
РАЗРЕШАЮЩАЯ СПОСОБНОСТЬ ЛИНЕЙНАЯ:	200 - 100 - 50 - 20 - 10 - 5 - 2 - 1 - 0.5			
РАЗРЕШАЮЩАЯ СПОСОБНОСТЬ УГЛОВАЯ:	1° - 0.5° - 0.2° - 0.1° - 0.05° - 0.02° - 0.01° - 0.005° - 0.002° - 0.001°			
ЗАЩИТА:	IP 54		IP 40	
ТЕМПЕРАТУРА:	0 ° ÷ 50 ° C		-20 ° ÷ 70 ° C	
ВЕС:	≈ 1			
ОПЦИИ:	LCD		2 16	

:

[Empty rounded rectangular box]

24 ()

