

				Di	isplay type		Blan	k .	AVR valu	е			
				L			R		RMS valu	le			
							v		Voltage				
							Ā		Current				
			N	leas	uring funct	ion	W		Watt				
							Т		Tachometer				
							s		Line Spee	ed			
				Measuring input			l D		Scaling				
			Mea						DC Туре				
							А		АС Туре				
	L	Size					Y		DIN W72×H72mm				
Digit							4		1999(31% Digit)				
tem							-	1	1000(072	Digity			
easi	urir	ng inpl	ut rang	le			IVI		weter				
Inp	ut								_		_		
ctior		Blank	1		2	3	4		5	6	7	8	Х
(R)	1	_	199.9	mV	1.999V	19.99V	199.	9V	-	400V	_	-	Option
(R)	1	_	19.99	mA	199.9mA	1.999A	19.9	9A	199.9A	1999A	-	-	Option
	1	_	199.9	mV	1.999V	19.99V	199.	9V	300V	-	-	-	Option
		-	199.9	μA	1.999mA	19.99mA	199.9	9mA	1.999A	19.99A	199.9A	1999A	Option
1		-	199.9	W	1.999kW	19.99kW	199.9	9kW	—	-	-	-	Option
)	-	_	1999	pm	1999rpm	1:0 to 1	0VDC	me	easureme	nt input			
R)		<u>1999</u> 1999 2:0					Surem	, më ent i	input exce	ept 1. 2			
2		1999	-				Jarom	0	input onto	., <u>_</u>			Option
Wh In (1-5 owe s use hen id th	cas iVD er co ed i " /	se that DC me onvert with T 1999" (n check	outpu asurin er sho acho- or "+9 k the c	t is E g inp uld b gene 99" i ables	DC4-20mA but is optio be used wi rator. is flashes v s.	, scaling nal. th Watt r vith a cer	mete neter rtain m	r sho and neas	ould be us Tachome surement i	sed. eter/Line	speed	meter s t power	hould • supply
Wh In c 1-5 owe use /hen nd th	cas VD er co ed " / nen	e that DC me onvert with T 1999" (check cifi	output asurin er sho acho- or "-19 k the c cati	t is E g inp uld b gene 39" i ables ON	DC4-20mA but is optio be used wi erator. is flashes v s.	, scaling nal. th Watt r vith a cer	mete neter tain m	and neas	ould be us Tachome surement i	sed. eter/Line	speed	meter s	hould supply
: Wh In c : 1-5 'owe e use Vhen nd th Sp del	cas iVD r co ed i" / nen	e that DC me onvert with T (999" (n check	outpu asurin er sho acho- or "-19 < the c cati	t is E g inp uld t gene 99" i ables ON M	DC4-20mA but is optio be used wi rrator. is flashes v s. S 4Y-DV- 4Y-AV- -	, scaling nal. th Watt r vith a cer M4Y-DA M4Y-AA	meter neter rtain m	neas	ould be us Tachome surement i	sed. eter/Line nput, dis M4Y- M4Y-		meter s t power	hould • supply
: Wh In c 2: 1-5 Powe be use When and th Sp idel idel	cas SVD or co ed or '' / nen De	ent	outpu asurin er sho acho- or "-19 < the c cati	t is E g inp uld t gene 99" i ables ON M M	DC4-20mA but is optio be used wi rator. is flashes w s. S 4Y-DV- 4Y-AV- C, AC oltage	, scaling nal. th Watt r vith a cer M4Y-DA M4Y-AA DC, AC current	meter neter rtain m	neas	ould be us Tachome surement i #Y-W- watt	hed. hter/Line input, dis M4Y M4Y rpm, s	speed sconnec	meter s t power M4Y-E Scalin	hould • supply
: Wh In (2: 1-5 Powe be use Vhen ind th Sp idel vasure ction x. alle	cas iVD er co ed i " / hen De eme	that DC me. onvert with T (999" on check Ciffic ent able in	outpu asurin er shc acho- or "-19 < the c cati	t is E g inp uld b gene 39" i ables ON M M M	CC4-20mA but is optio be used wir is flashes v s. S 4Y-DV- C, AC C, AC Clage ax. 400VAC~ ax. 300VDC=	, scaling nal. th Watt r vith a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC	meter neter rtain m 	r sho and neas M4 AC Ma	Tachome surement i Y-W- watt	M4Y- M4Y- M4Y- Trpm, s Tacho- output	speed sconnec	M4Y-E Scalin	hould • supply DI g
: Wh In c :: 1-5 Powe us Vhen ind th Sp del asure ction x. alle	cas VD ed r co ed r " / nen De eme	ent able inp	outpu asurin er sho- or "-19 c the c cati	t is E g inp uld t genee 39" i ables ON M M M M 18	DC4-20mA but is optio be used wi rator. is flashes v s. S 4Y-DV- 4Y-AV- C, AC blage ax.400VAC~ ax.300VDC= 50% for eac	, scaling nal. th Watt r vith a cer with a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input s	meter rtain m 	r sho and neas M4 AC Ma ation	Tachome surement i Y-W- 2 watt x. 10VDC= n(at 400VA	sed. ter/Line nput, dis M4Y M4Y rpm, s - Tacho- output C~:120	speed sconnec	M4Y-E Scalin	hould supply 01 g 20mA
: Wh In (: 1-5 Powe e us When nd th Sp del asure ction x. alle	cass iVD r co ed i" / hen De eme	e that DC me onvert with T gggg" a check ectific ent able in y range	output asurin er sho acho- or "-19 < the c cati	t is E g inp uld t gene 99" i ables ON M M M D v v c M M M M	0C4-20mA ut is optio e used wi rator. is flashes v s. S 4Y-DV- 4Y-AV- C, AC Vlage ax. 400VAC~ ax. 300VDC= 50% for eac ax. 1999	, scaling nal. th Watt r vith a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input s	meter rtain m 	r sho and neas M4 AC Ma ation	Tachome surement i Y-W- 2 watt x. 10VDC= n(at 400VA	M4Y mput, dis M4Y mm, s rpm, s Tacho- output C~:120	speed sconnec	M4Y-E Scalin DC4-2	hould supply 01 g 20mA
: Wh In c : 1-5 owe e us Vhen nd th Sp del asure ction x. alle	cass VD er co ed i " / hen D eme	e that DC me convert with T (999" on check ecific ent able inp y range ply	output asurin er sho acho- or "-19 < the c cati	t is E g inp uld t gene 39" i ables ON M M M M M S M M M M	0C4-20mA ut is optio e used wi rator. is flashes v s. S 4Y-DV- 4Y-AV- C, AC Vlage ax. 400VAC~ ax. 300VDC= 50% for eac ax. 1999 30-240VAC	, scaling nal. th Watt r vith a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input s ~ ±10%	meter rtain m 	M4 AC Ma AC	Surement i IV-W- Swatt IX. 10VDC= IX. 10VDC= IX. 10VDC=	sed. ter/Line input, dis M4Y M4Y m4 m4Y m4 m4 m4 m4 m4 m4 m4 m4 m4 m4	speed sconnec 5	M4Y-E Scalin DC4-2	hould - supply DI g 20mA ±10%)
: Wh In c : 1-5 Powe e us When nd th Sp del asure ction x. alle x. alle x. alle x. alle	cas SVD er co ed i " / nen De eme owa	e that DC me: on vert with T (999" (n check ecific ent able inp y range ply sumption	outpu asurin iacho- or "+9 c the c cati	t is E g inp uld t gene 99" i ables ON Ma Ma Ma 10 10 10 75	CC4-20mA but is option be used wirrator. is flashes vis. S. S. S. C, AC Ditage ax. 400VAC~ ax. 300VDC= 50% for eac. ax. 1999 D0-240VAC C: 2W, AC: Second II.	, scaling nal. th Watt r vith a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input s ~ ±10% 4VA ED Displa	mete neter tain m C 5A C 2A pecific 50/60H	r sho and neas M4 AC Ma ation Hz(O	Tachome urement i Y-W- watt x. 10VDC= n(at 400VA ption:SVD ar height: 1	M4Y- mput, dis M4Y- mput, dis mput, dis M4Y- mm, s mpm, s	speed sconnec speed generator (0-10V) %)	M4Y-E Scalin DC4-2	hould - supply 01 g 20mA ±10%)
: Wh In (: 1-5 owe e us /hen nd th Sp del asure ction x. alle x.dis wer s wer c play	owa	e that DC me: on vert with T (999" (n check ecific ent able inp y range ply sumption sthod curacy	outpu asurini acho- or "49 c the c cati	t is E g inp gene gene 99" i ables ON Ma Ma 15 N M 10 C C C C C C C C C C C C C C C C C C	CC4-20mA but is optio e used wirrator. is flashes v s. IS 4Y-DV- C, AC bitage ax. 400VAC~ ax. 300VDC= 50% for eac ax. 1999 00-240VAC C: 2W, AC: Segment LE C: F.S.±0.2	, scaling nal. th Watt r vith a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input s ~ ±10% 4VA & DD Displa % rdg ±1	meter tain n tain n ta tain n ta tain n tain n	M4 M4 AC AC AC AC AC AC AC AC AC AC AC AC AC	A series of the	M4Y- mput, dis M4Y- mput, dis mput, dis M4Y- mpm, s mpm, s	speed sconnec	M4Y-E Scalin DC4-2	hould • supply 01 9 20mA ±10%)
Wh In (1-5 owe e us /hen nd th Sp del asure ction x. alle x. dis ver s ver s ver c play play nplin	owa	entation on vert with T 1999" (an check cific ent able in y range ply sumption sumption box box box box box box box box	outpu asurini acho- or "19 < the c cati	t is E g inp uld t gene 999" i ables ON MM MM MM 10 10 00 75 75 00 30	CC4-20mA pout is option per used with is flashes to is flashes to is flashes to is flashes	, scaling nal. th Watt r with a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input s ~ ±10% 4VA ED Displa % rdg ±1	meter neter ttain n 	M4 M4 M2 M4 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	IV-W- W-W- Watt	M4Y- M4Y- M4Y- M4Y- rpm, s Tacho- output C~:120 C== ±10 4mm)	speed sconnec speed generator (0-10V) %) %, 24-70	M4Y-E Scalin DC4-2	hould • supply 01 9 20mA ±10%)
: Wh In (: 1-5 oowe e us //hen nd th Sp del asure ction x. alle x. alle x. alle x. alle x. alle x. alle play pplay mplin 0 con	owa	se that a DC me: on vert with T 1999" (ecific ent able in y range ply sumptine sumptine sumptine sumptine curacy cycle rsion m	outpu assurin acho- or "49 c the c cati	t is E g inpuld t gene 99" i ables ON M M M D V V V C V C D V C D V C D V C D V C D V C C D C D	CC4-20mA bout is option be used with rator. is flashes vision 4Y-DV	, scaling nal. th Watt r with a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC ch input si ~ ±10% 4VA DD Displa % rdg ±11 tergal me	meter rtain n C 5A C 2A pecific 50/60H y(Cha digit, A	M4 M4 M2 M4 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2 M2	AY-W-C AY-W-C	M4Y- M4Y- M4Y- M4Y-3 rpm, s Tacho- output C~:120 C== ±10 ^r M4Y-3 rpm, s attribute M4Y-3 rpm, s attribute M4 rpm, s attribute S s attribute M4 rp	speed sconnec speed generator (0-10V) %) %, 24-70	M4Y-E Scalin DC4-2	hould r supply DI g ±10%)
: Wh In c c : 1-5 Powe e us When nd th Sp del asure ction x. alle x. disj wer s wer c play pplay mplin O con spon	owa	ectific onvert with T 1999" (ectific ent able in(y range ply umptin sumptin thod curacy cycle rsion m time	outpu assurin acho- or "49 c the c cati	t is E g inpud t gene 99" i ables ON M M M M M M M M M M M M M M M M D v v v c v c v c v c v c v c v c v c v	CC4-20mA but is option but is option be used with rator. is flashes vision 4Y-DV	, scaling nal. th Watt r with a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input s ~ ±10% 4VA ED Displa % rdg ±1 tergal me 39)	meter rtain n 	r sho and heas M4 AC Ma ation Hz(O racte C: F	AY-W- AY-W- C watt ax. 10VDC= a(at 400VA Apption:5VD or height: 1 S.±0.5% f	M4Y-: mput, dis M4Y-: mM4Y-: rpm, s Tacho- output C~:120 C== ±10 (4mm) rdg ±1dig	speed sconnec speed generator (0-10V) %) %, 24-70 jit	M4Y-E	hould r supply DI g 20mA ±10%)
: Wh In (: 1-5 owe e us //hen nd th Sp del asure ction x. alle x. alle x. alle x. alle x. alle x. alle year year year year year year year yea	owa	se that at DC me: onvert with T 1939", a check ent ent ent able in y range ply sumptitie thod curacy ycle rsion m time ime	outpu asurin acto- or "19 c the c cati put e e e e e thod	t is E g inpuld t genee genee 999" i ables ON MM MM 15 00 00 00 25 20 20 20	CC4-20mA but is option but is option be used wirreator. is flashes vis. S. 4Y-DV-□ 4Y-AV-□ C, AC C, C, AC C, AC C, C, AC C, AC C, C, C	, scaling nal. th Watt r with a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC ch input s ~ ±10% 4VA D Displa % rdg ±1 tergal me 39)	meter neter tain n 2 5A 2 2A pecific 50/60H y(Cha digit, A	M4 AC Ma ation Hz(O racte C: F	Arrow Content of the second se	sed. ater/Line nput, dis M4Y-3 M4Y-4 rpm, s ater/Line Tacho- output C~:120 C== ±10 ⁱ 14mm) rdg ±1dig	speed	M4Y-L Scalin DC4-2	hould r supply DI g 20mA ±10%)
While the second	owa play supp s	se that to OC me onvert with T 1999" (check ent able in y range ply sumption the thod curacy ycle resistar time ime	outpu asurin acto- or "49 c the c cati put e on eethod	t is E g inpuld t ggene 99" i ablee ON M M M M M M M M M M M M M M M M M M	CC4-20mA but is optio be used wirrator. is flashes v.s. S. (Y-DV-□ C, AC C, CC C, C	, scaling nal. th Watt r with a cel M4Y-DA M4Y-AA DC, AC current Max. DC Max. DC th input s ~ ±10% 4VA ED Displa % rdg ±11 tergal me 39) c (at 500V/ foot	meter neter tain n 2 5A 2 2A pecific 50/60H y(Cha digit, A thod DC me	M4 M4 AC Ma ation Hz(O C: F	Tachome surement i PY-W- watt x. 10VDC= n(at 400VA ption:5VD er height: 1 S.±0.5% i sr)	eed. ter/Line M4Y ⁻¹ M4Y ⁻¹ m4Y ⁻¹ rpm, s rpm, s rpm, s rpm, s rpm, s run couput C~:120 C~:120 C~:120 C~:120 C~:120 C~:120 C~:10	speed	M4Y-E Scalin VVDC==	hould supply 9 20mA ±10%)
While the second	owa	se that the convert on vert y g g g '' of ectific ent able in y ranged ply sumption the convert sumption the convert sumption the convert ply sumption the convert ply sumption the convert sumption the convert	outpu asurin acto- or "19 c the c cati put e e e e thod	t is E g inpuld t genegenegene genegene gene gene gene g	CC4-20mA but is option be used wirrator. is flashes v.s. S. S. S. S. S. S. S. S. S. S. S. S. S.	, scaling nal. th Watt r with a cel M4Y-DA M4Y-AA DC, AC current Max. DC Max. DC Max. DC Max. DC th input s ~ ±10% 4VA ED Displat % rdg ±11 tergal me 39) c (at 500V 60Hz for are wave	meter tain n tain n ta tain n tain n ta	M4 AC Ma AC Ma AC Ma AC C: F	average of the second s	sed. tter/Line nput, dis M4Y M4Y rpm, so output output CC- 120 CC- 14mm) rdg ±1dig	speed	M4Y-EC	hould p)1 g 20mA ±10%)
While the second	owa owa owa owa owa owa owa owa owa owa	DC mecon onvert with T ecific ent able inp grange ply sumption sumption sumption ply sumption sumption ply sumption sumption ply sumption	outpu asurin acto- or "19 c the c cati put e e toon	t is E g inp gene gene gene gene gene gene gene ge	CQ4-20mA pout is option per used with rator. IS 4Y-DV	, scaling nal. th Watt r with a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input s ~ ±10% 4VA ED Displa % rdg ±1: tergal me 30 (at 500V 60Hz for are wave itude at fr	meter tain n tain n C 5A C 2A pecific 50/60H y(Cha digit, A thod DC me n oise equent	r sho and heas M4 AC Ma ation Hz(O racte C: F	uld be u: Tachome surement i iv iv iv watt ix	sed. ter/Line mput, dis M4Y-1 M4Y-2 rpm, s rom, s output CC-120 CC=±10' 4mm) dg ±1dig us) by thm in each	speed	M4Y-E Scalin VVDC==	hould s supply DI g 20mA ±10%) r r for 1hou
While we have the set of the set	owa play on r conserved on	DC me onvert with T 999" in check ecifii ent able in 999" on ent able in 999" on ent able in 999" on ent ent able in 999" on ent ent ent ent ent ent ent ent ent en	outpu asurin acho- or "+9 c cati cati put e e e e e h e e h e e h al on	t is E g inpuld t gene gene gene gene gene gene gene gen	CQ4-20mA pout is option per used wire rator. is flashes vis. S 4Y-DV 4Y-AV C, AC bitage ax. 400/AC- ax. 300/DC= 50% for eac ax. 1999 D0-240/AC C: FS.30.2 D0ms ual slope in sec(0 to 19! 5 times/sec ver 100MQ D00VAC 500 2kV the squ 75mm amplits form amplits	, scaling nal. th Watr r with a cer M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input sp ~ ±10% 4VA ED Displat % rdg ±1: tergal me 29) (at 500V '60Hz for are wave itude at find de at find de at find	meter meter rtain m 	r sho and heas M4 AC Ma ation Hz(O Racte C: F	uld be u: Tachome surement i uxnement i watt x. 10VDC= watt vatt	sed. ter/Line M4Y-: M4Y-: max max rpm, state output cc~:120 Cc~:120 Cc~:120 Cc~:120 cites is by thm is by thm	speed SCH speed generator (0-10V) %) %, 24-7(%) %, 24-7() %) %, 24-7()	meter s t power M4Y-E Scalin CODE T DC4-2	hould r supply g 20mA ±10%) r r for 1hou minutes
: While the second seco	owa owa play operations play accord on r me accord over set mu Me Ma Me	DC me onvert with T 959" in check ectific ent able inp y range ply sumption time resistar strength unity ecchanic	outpu asurin acho- or "49 c the c cati put e e e e e e e e e e e e e e e e e e e	t is E g inpg geneege geneege geneege geneege geneege geneege geneege geneege geneege geneege geneege geneege mables mabl	CC4-20mA pout is option per used wire is flashes vi- s flashes vi- s flashes vi- s flashes vi- s flashes vi- d Y-AV-□-□- C, AC oltage d Y-AV-□-□- d Y-AV-□-□- C, AC oltage d Y-AV-□- d Y-AV-□-□- d Y-AV-□- d Y-AV-□ d Y-AV-□ d Y-AV-□ d Y-AV-□ d Y-AV-□ d Y-AV d Y-AV	, scaling nal. th Watr r with a cer M4Y-DA M4Y-AA DC, AC current Max. DC Max. DC th input sp ~ ±10% 4VA ED Displa % rdg ±1 tergal me 39) c (at 500V 60Hz for are wave itude at fr ded at freq error x. 30G)	meter meter rtain m 	r sho and neas M4 AC Ma ation Hz(O racte C: F	auld be u: Tachome surement i avant	sed. ter/Line mput, dis M4Y-3 mput, dis	speed sconnec sconn	Meter s t power Scalin VVDC==	hould supply g 20mA ±10%) r r for 1hou Dominutes
: While the second seco	owa play owa play on r set accord play accord play accord play accord me accord me accord Me Ma Ma	DC me onvert with T 959" in check ectific ent able inp y range ply sumptities able inp y range ply sumptities thod curacy cycle resistar time ime resistar time int int curacy cycle curacy cycle able inply sycle curacy curacy cura	outpu asurin acho- or "49 c the c cati put e e e n n ce n al on	t is E g inpgene gene gene gene gene gene gene gen	CC4-20mA but is optio be used wirrator. is flashes v. s. 4Y-DV- 4Y-AV- C, AC bitage ax. 400VAC~ ax. 300VDC= 50% for eac ax. 1999 00-240VAC c: 2W, AC: Segment LE C: F, S+0.2 00ms ual slope in sec(0 to 199 5 times/sec ver 100MΩ 000VAC 50 2kV the squ 75mm amplit 50ms applications 25 times/sec ver 100MΩ 000VAC 50 2kV the squ 75mm amplit	, scaling nal. th Watt r with a cer M4Y-DA M4Y-AA DC, AC current Max. DC th input s ~ ±10% 4VA D Displa % rdg ±1 tergal me 39) c (at 500V (60Hz for are wave itude at freq rox. 30G) rox. 10G) rox. 10G)	meter meter rtain n 	r sho and neas M4 AC Ma ation Hz(O Kator (puls cy of of 10 ch X, ch X,	auto be us Tachome surement i surement i auto be us auto	sed. ter/Line mput, dis M4Y-3 rpm, s arpm, s arpm, s arpm, s output C~:120 C	speed sconnec sconnec speed generatorio %) %, 24-7(yit a noise s X, Y, Z d (Z direct times	Mater s Mater	hould supply pl pl pl pl pl pl pl pl pl pl
: Whe In c c : 1-5 Powe be us so Vhen addel assure ction x. allo x. allo x. allo x. allo x. allo x. allo x. allo x. allo play play play play play play mplin ack - re re x. allo play play mplin ack - re re x. allo to to to to to to to to to to to to to	owa play Me Ma Ma Am	DC me onvert with T 959" in check ecific ent able in 959" on check ecific ent able in y rangg ply by able in y rangg y sumptit able in ply sumptit able in ply y rangg y sumptit able in ply sumptit able in ply suble in ply sumptit able in ply sumptit able in ply sumptit able in ply sumptit able in ply sumptit able in ply sumptit able in ply suble in ply in ply suble in in ply suble in in ply suble	output asurin er sho acho- or "+9 (the c cati put ethod n n n mperature an n mperature	t is E g inpgene gene gene gene gene gene gene gen	CC4-20mA but is optio be used wirrator. is flashes v.s. S. S. S. S. S. S. S. S. S. S. S. S. S.	, scaling nal. nal. th Watt r with a cel M4Y-DA M4Y-AA DC, AC current Max. AC Max. DC th input s ~ ±10% 4VA ED Displa % rdg ±11 tergal me 39) 2 (at 500V 60Hz for iare wave itude at freq rox. 30G) storage: -	mete neter ttain n 	r sho and neas M4 AC Ma ation Hz(O Kator (pulsic) y of 10 ch X, ch X, ch X, ch X,	aurement i i	eed. ter/Line nput, dis M4Y M4Y m4	speed sconnecc sconnecc speed generatou (0.10V) %) %, 24-7(unit speed generatou %) %, 24-7(unit speed generatou %) %, 24-7(unit speed generatou %) %)	M4Y-E Scalin VVDC==	hould pl g comA ±10%)

