

INDICATOR DUBLU tip VAM

Indicator dublu de tensiune si curent CC/CA/TRMS

VAM

DESCRIERE

VAM este un indicator dublu pentru masurarea cu mare precizie a tensiunilor si curentilor CC, CA si TRMS in gamele de 0~600V si 0~10A . Are doua intrari izolate, doua afisaje, iesiri tip releu/analogica/comunicatie, functii matematice. Intrarile pot fi si de tip Pt 100, mV/V, etc.. pentru masurarea mai multor parametri de proces.

APLICATII

- Masurarea si afisarea directa V / A / alti parametri in diverse procese industriale
- Verificarea echipamentelor de masurare/alarmare/reglare si comunicarea la PC/PLC
 - * 4 relee programabile Hi/Lo/Go (peste/sub/trece) cu/fara temporizare 0,0"~9':59,9"
- Masurarea puterii in sistemele de captare a energiei solare si comunicarea PC/PLC
 - * Functii multiple pentru intrarea 1 (Vcc) si intrarea 2 (Acc)
- Panouri MCC, prelucrare, comutari..., pentru masurarea tensiunilor sau curentilor, alarma si comanda intrare/iesire de la distanta cu PC/PLC
 - * 4 relee cu functii sus/jos/agatatare sus/agatatare jos/iesire digitala (pt. comanda de la distanta cu PC/PLC)



CE

CARACTERISTICI

- Intrare V si A: CC / CA / TRMS, de acelasi tip sau combinate
- Game intrari: 0~100mV/~600V
0~199,99µA/~10A
- Precizie masura: $\leq \pm 0.04\%FS(CC)$
 $\leq \pm 0.1\%FS(CA/TRMS)$
- Afisaje: 2, LED-uri rosii inalta luminozitate, 5 cifre, h=10mm
- Gama afisare: valori masurate: -19999...+29999
valori calculate: -19999...+99999
- Scalare afisaje: fiecare individual
- Gama scalare: fiecare capat de scala -19999...+29999
- Indicare sub/depasire gama de masura: - ovFL/ ovFL
- Punct zecimal: programabil 0/ 0.0/ 0.00/ 0.000/ 0.0000
- Functie remote display: comandat prin RS 485
- LED-uri semnalizare: 4 rosii - stari relee de iesire
1 portocaliu - RS485
2 rosii - min/max hold
- Tastatura: 4 butoane multifunctionale
- Memorare valori min/max masurate; vizualizare la repornire

- Functii matematice programabile: adunare, scadere, inmultire, impartire, selectare valori sup./inf.
- Alte functii: filtru digital, medie, medie mobila, taiere jos/low cut
- Iesiri tip releu: 4; 4 setpointuri programabile
2 relee NI/ND, 5A/230Vca si 2 relee ND, 1A/230Vca programabile Hi/Lo/Go12/Go34/Hi Hid/Lo Hid programare intarziere, histerezis
functie iesire digitala: activare prin RS 485
- Iesire analogica: tensiune: 0~5V, 1~5V, 0~10V
curent: 0~10mA, 0~20mA, 4~20mA
precizie $\leq \pm 0.1\%FS$
capete de gama setabile -19999...+29999
- Iesire comunicatie: RS 485 protocol Modbus RTU; dist. 1,2 Km
- Rigiditate dielectrica: 2kVca pt.1' intre alim/intr1/intr.2/carcasa
Rezistenta izolatie $\geq 100M\Omega$ la 500Vcc intre alim/intr/iesire
- Izolarea intre alim./intr.1/intr.2/relee iesire/ies.analogica / RS 485
- Dim.: 48x96x120mm; montaj in panou, decupare 44x92 mm
- Alimentare: 230Vca, 85....264Vcc/ca, 20...90Vcc/ca
- Memorie EEPROM

ORDERING INFORMATION

VAM- DC/AC/ RMS Input 1 Signal / DC/AC/ TRMS Input 2 Signal - Relay Output - Analog Output - RS 485 Port - Aux. Powered - *Optional Function

OPTION 1 OPTION 2 OPTION 3 *Optional Function

Customize function is welcome. Please contact with our sales window for detail.

CODE	VOLT INPUT	CODE	CURRENT INPUT	CODE	RELAY O/P	CODE	ANALOG O/P	CODE	RS485 PORT	CODE	AXU. POWER	CODE	OPTIONAL
D	DC measuring	D	DC measuring	N	None	N	None	N	None	A	AC 115/230 V	MMF	Mathematic function
A	AC measuring	A	AC measuring	R2	2 Relay	V	0(1)~5 V 0~10V	8	RS 485	OPTION 4			
T	TRMS measuring	T	TRMS measuring	R4	4 Relay	I	0~10 mA 0(4)~20mA			ADH*	AC/DC 85~264V		
V1	0~199.99 mV	A1	0~199.99 µA							ADL*	AC/DC 20~90V		
V2	0~1.9999 V	A2	0~1.9999 mA										
V3	0~19.999 V	A3	0~19.999 mA										
V4	0~199.99 V	A4	0~199.99 mA										
V5	0~300.0 V	A5	0~1.9999 A										
V6	0~600 V	A6	0~1.0000 A										
VA	0~50 mV	A7	0~5.000 A										
VB	0~60 mV	A8	0~10.000 A										
VC	0~100 mV	AO	Specify A input										
VO	Specify V input												

* Input 2: Max current input will be under 199.99mA.

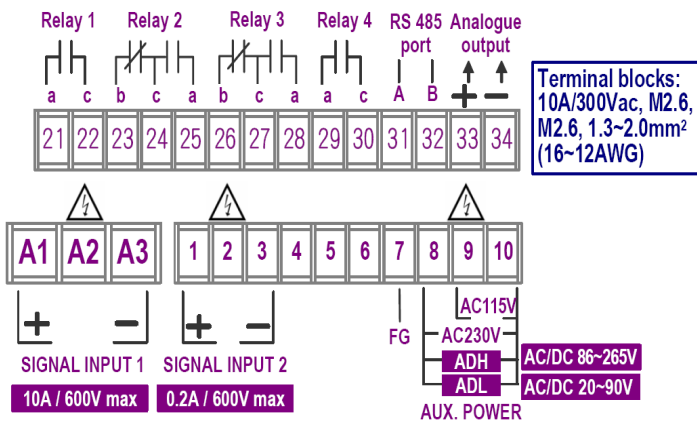
* It means RoHS version.

SPECIFICATI TEHNICE INTRARE

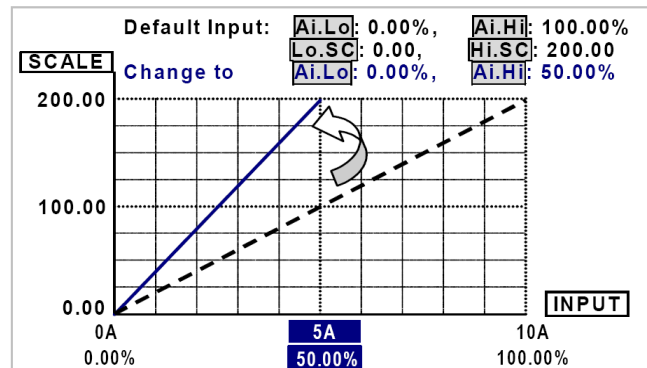
Gama de masura	Impedanta intrare	Gama de masura	Impedanta intrare
CC / CA / TRMS		CC / CA / TRMS	
Tensiune	0~50/~100 mV	Curent	0~199.99µA
	0~199.99 mV		0~1.9999 mA
	0~1.9999 V		0~19.999 mA
	0~19.999 V		0~199.99 mA
	0~199.99 V		1 ohm
	0~300.0 V		0.05 ohm
0~600.0 V	≥2M ohm	0~5.000 A	0.02 ohm
		0~10.000 A	0.01 ohm

- * Pot fi selectate individual 2 intrari in tensiune si curent pentru masurari CC, CA sau TRMS.
- * Pot fi specificate individual 2 intrari in alte semnale cum ar fi Pt 100, mV/V, etc.

CONECTARE ELECTRICA

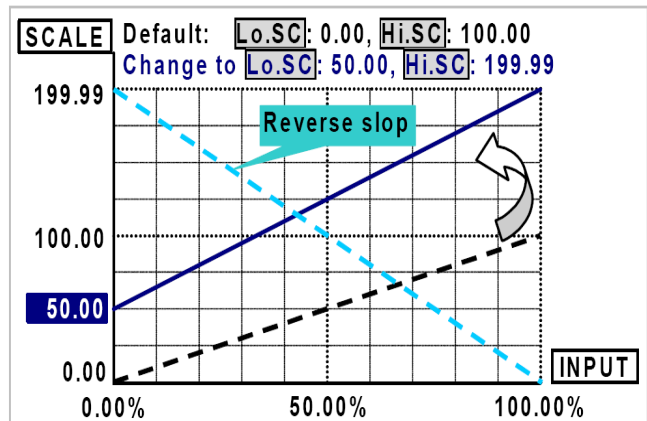


MODIFICARE GAMA DE INTRARE (fiecare canal individual)



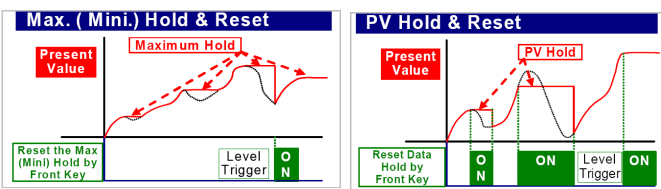
*Setarea poate duce la scaderea rezolutiei. Rugam programati rezolutia cea mai mica atunci cand semnalul de intrare a fost foarte comprimat.

SCALARE AFISAJ (fiecare afisaj individual)



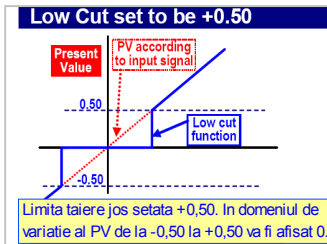
* Ingestarea scalei poate duce la scaderea rezolutiei.

FUNCTIA HOLD

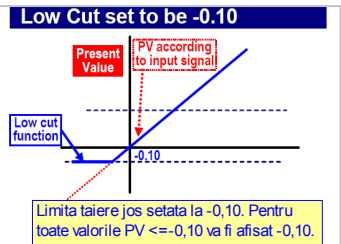


FUNCTIA TAIERE JOS (Low Cut)

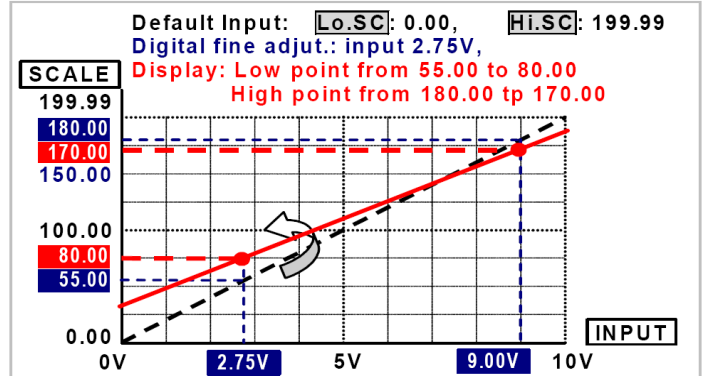
Limita de taiere > 0



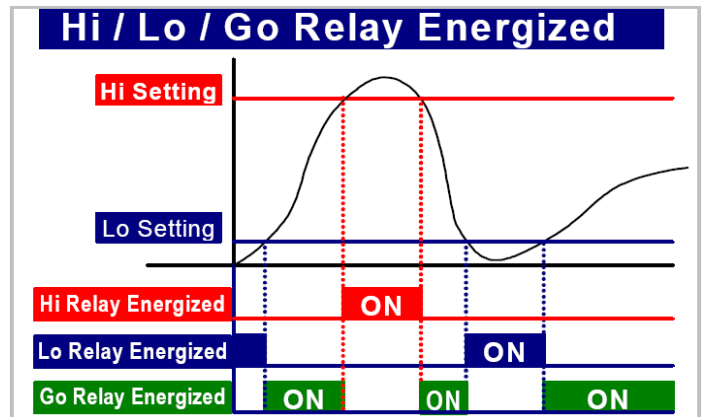
Limita de taiere < 0



REGLAJ DIGITAL FIN (fiecare canal individual)



FUNCTII RELEE



Hi(Lo) Energized Latch & Reset

