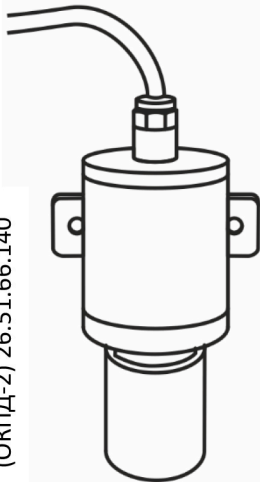


(ОКПД-2) 26.51.66.140



Technical support:
+7 800 777 16 03 (24 hours)
+7 495 108 68 33 (9AM – 6PM)
support@fmeter.ru

Тех. поддержка:
+7 800 777 16 03 (24 часа)
+7 495 108 68 33 (с 9 до 18)
support@fmeter.ru

Ultrasonic proximity
sensor DGV-200
CERTIFICATE

Ультразвуковой датчик
приближения ДГВ-200
ПАСПОРТ



1. GENERAL PRODUCT INFORMATION

1.1. The ultrasonic sensor ESCORT DGV-200 is designed to measure the distance to surfaces.

1.2 It can be used to control the position of deflected parts of various machines and mechanisms, measure the depth of agricultural crop sowing, measure the distance to the controlled object surface. It is designed to work with monitoring systems.

1.3 DO NOT DISASSEMBLE THE SENSOR!

1.4 DO NOT EXCEED THE OPERATING CHARACTERISTICS SPECIFIED IN THE CERTIFICATE!

1.5 PREVENT MECHANICAL DAMAGE OF THE SENSOR COMPONENTS, CONNECTING WIRES AND CABLES DURING INSTALLATION AND OPERATION.

2. SPECIFICATIONS

2.1	Measuring range	0.2 ... 4 m
2.2.	Resolution	1 cm
2.3	Measurement error: 0.2 ... 2 m 2 ... 4 m	± 1 cm $\pm 1\%$
2.4	Blind spot	0 ... 20 cm
2.5	Operating modes	digital, frequency
2.6	Digital mode: - communications protocol - data communication rate	RS-485 19200 bps
2.7	Frequency mode: - output frequency range	300 ... 700 Hz
2.8	Power supply voltage	9 ... 36 V
2.9	Input current, up to	30 mA
2.1 0	Dimensions, up to	125 x 80 x 60 mm
2.1 1	Weight, up to	0.5 kg

3. SCOPE OF DELIVERY

NAME	NBR	SER. No.	NOTES
Sensor ESCORT DGV-200	1		
Installation kit:	1		
Open beam support 140x76x100x2.0	1		
Mounting plate 240x80x2.0	1		
Bolt 6x16 DIN 931	6		
Nut 6 DIN 934	6		
Washer 6 DIN 433	6		
Washer 6 DIN 127	6		
Bolt 8x20 DIN 931	8		
Nut 8 DIN 934	8		
Washer 8 DIN 433	8		
Washer 8 DIN 127	8		
Fuse 1A	1		
Fuse block	1		
Connecting cable	1		
Manufacturer's Certificate	1		
Package	1		

4. LIFE CYCLES, SERVICE AND SHELF LIFE, THE MANUFACTURER'S WARRANTY

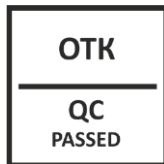
- 4.1. Guaranteed service life is 12 months from the date of shipping from the factory.
- 4.2. Service life - 5 years.
- 4.3. Products with defects caused by the Customer's fault due to failure to observe the operation, transportation and storage conditions are not covered by the warranty.
- 4.4. The manufacturer reserves the right to change product design and scope of delivery without prior notice.

5. ACCEPTANCE CERTIFICATE

Sensor ESCORT DGV-200 is manufactured in accordance with the current technical documentation and qualified for operation.

6. PACKING CERTIFICATE

Sensor ESCORT DGV-200 is packed in accordance with the current technical documentation.



7. INSTALLATION CERTIFICATE

Sensor ESCORT DGV-200 ser. No. _____ is installed on the equipment:

name

identification number

signature

Full Name

day, month, year

remarks

8. DISPOSAL

8.1. The instrument should be disposed by the operating company and in accordance with the codes and regulations applicable in the Russian Federation or the country, to where the instrument is delivered. The instrument does not include environmentally hazardous components.

8.2. The instrument does not contain precious metals in the amounts to be recorded.

EN

9. CONTACTS

Manufacturer:

Techavtomatica, LLC

2B Dementyev St, city of Kazan 420127, Russia

+7 843 537 83 91

www.t-a-e.ru

info@t-a-e.ru

Correspondence address:

PO Box 123, city of Kazan 420036, Russia

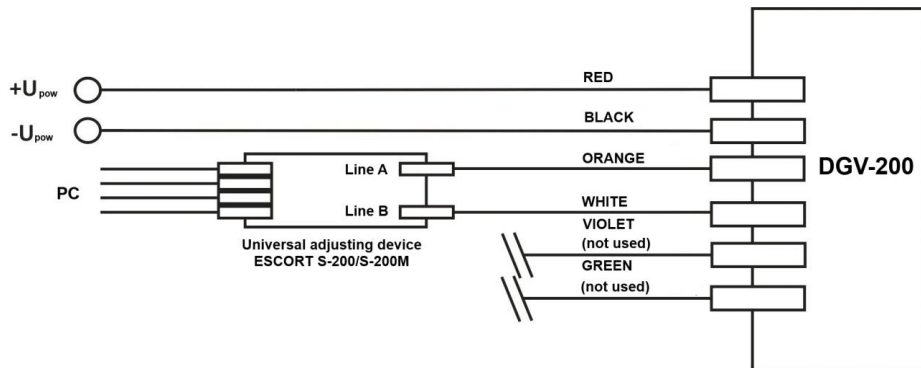
Technical support:

+7 800 700 16 03 (24 hours)

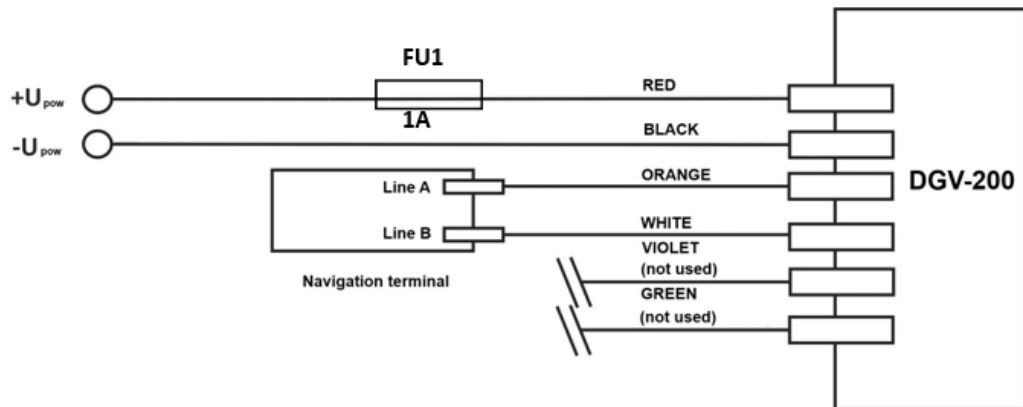
+7 495 108 68 33 (9AM - 6PM)

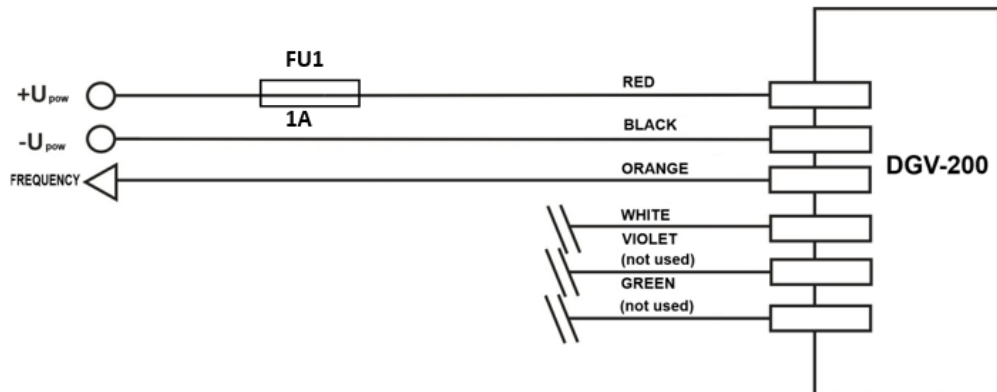
www.fmeter.ru

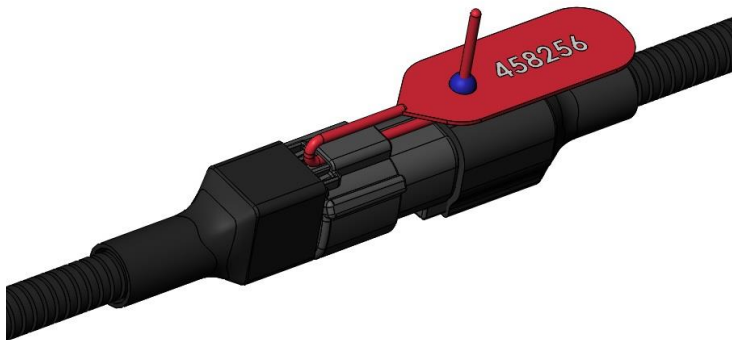
support@fmeter.ru

APPENDIX 1. Sensor connection diagram in program mode

APPENDIX 2. Sensor connection diagram in RS-485 mode



APPENDIX 3. Sensor connection diagram in frequency mode



NOTES / ЗАМЕТКИ

Identification sticker

Идентификационный стикер

