



Sender Units, Sensoric Pulse Adapter, Switches

Adapter GEA-108

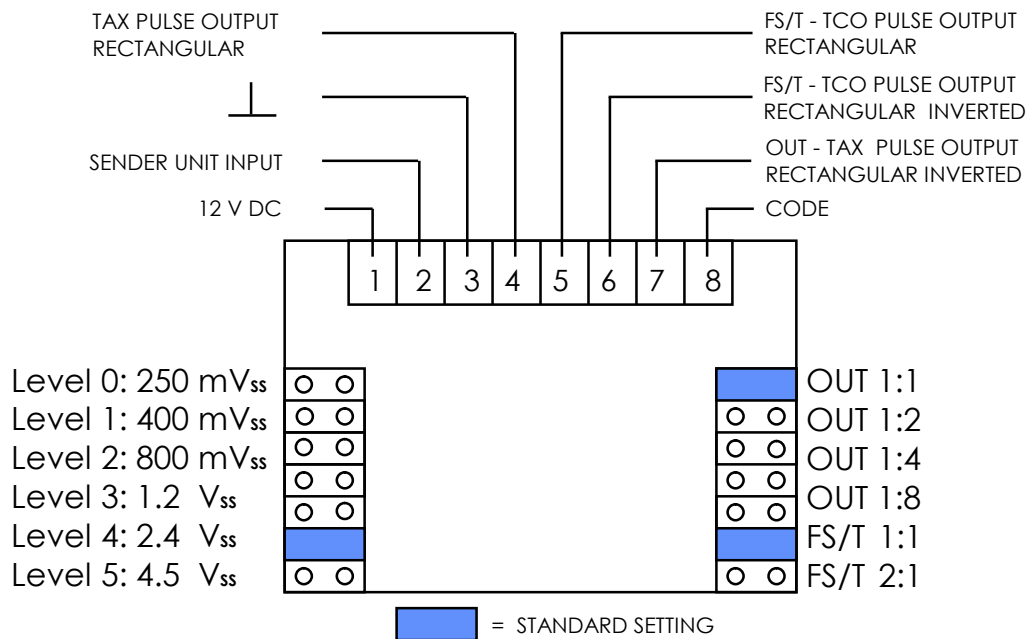


- inverting double pulse shaping, dividing and multiplying
- sinus-, rectangular- or inductive input
- inverting rectangular output for tachographs
- 6 selectable levels (250 mV to 4,5 V)
- compact housing and easy to seal

Technical Data

Operating voltage:	6 – 16 V DC
Current consumption:	6 – 15 mA
Input signal:	Level 0 min. 250 mV _{PP} Level 1 min. 400 mV _{PP} Level 2 min. 800 mV _{PP} Level 3 min. 1,5 V _{PP} Level 4 min. 2,4 V _{PP} Level 5 min. 4,5 V _{PP}
Frequency:	0 – 1500 Hz when double pulse max. 700 Hz
Output taximeter (OUT):	npn, open collector settable divider: 1:1, 1:2, 1:4, 1:8
Output tachograph (FS/T):	push pull output inverting double pulse, also pulse multiplying, for vehicles with distance/ ratio range of 100 – 10,000 pulses/km, only for frequencies with symmetrical duty cycles, suitable for speedometers too.

Subject to alteration without further notice



Amplitude adaptation	Level 0	Level 01	Level 2	Level 3	Level 4	Level 5
≥ 10,000 pulses/Km	250 mV _{PP}	400 mV _{PP}	800 mV _{PP}	1.2 V _{PP}	2.4 V _{PP}	4.9 V _{PP}
≥ 20,000 pulses/Km	600 mV _{PP}	700 mV _{PP}	900 mV _{PP}	1.4 V _{PP}	2.4 V _{PP}	4.9 V _{PP}
≥ 30,000 pulses/Km	900 mV _{PP}	1.0 V _{PP}	1.2 V _{PP}	1.6 V _{PP}	2.5 V _{PP}	5.0 V _{PP}
≥ 50,000 pulses/Km	1.2 V _{PP}	1.2 V _{PP}	1.4 V _{PP}	1.7 V _{PP}	2.6 V _{PP}	5.0 V _{PP}
≥ 60,000 pulses/Km	1.8 V _{PP}	1.8 V _{PP}	1.9 V _{PP}	2.2 V _{PP}	3.0 V _{PP}	5.2 V _{PP}

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