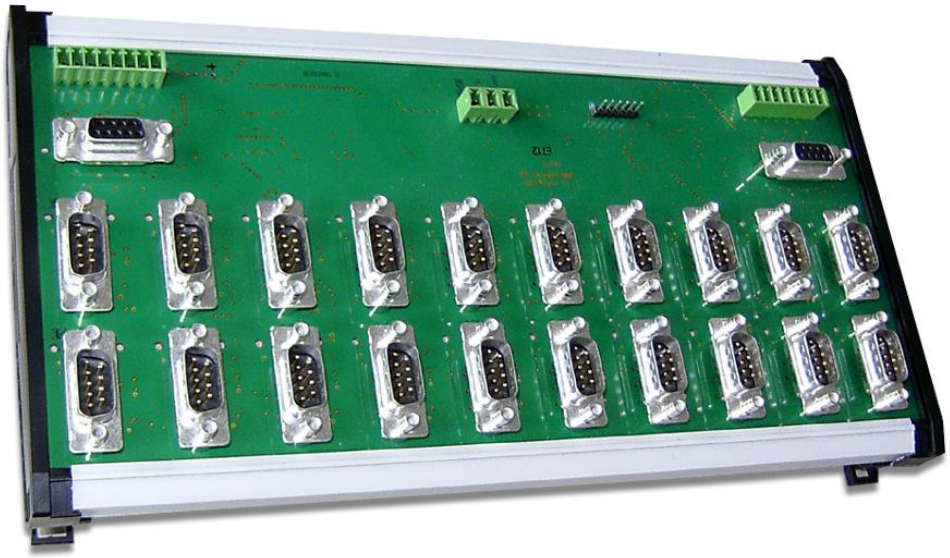
Data Sheet



GS202

20 : 2 encoder switch with 20 encoder inputs, 2 encoder outputs and 2 x 6 control inputs

Product Features:

- Encoder switch with 20 incremental encoder inputs, 2 encoder outputs and 2 x 6 control inputs
- Both outputs operate independently of each other and can be configured by the control inputs
- Depending on the configuration of the control inputs, the device switches through the signal on the input (IN 1 – 20) to the corresponding output (OUT 1 – 2)
- Open PCB plastic housing for mounting on a top hat rail
- 17 to 30 VDC power supply

Technical Specifications:		
Power supply:	Input voltage: Protection circuit: Ripple: Consumption: Connections:	17 … 30 VDC reverse polarity protection ≤ 10 % at 24 VDC approx. 30 mA (unloaded) screw terminals, 1.5 mm² / AWG 16
Encoder supply:	Output voltage:	5 … 35 VDC (only supplied from external)
Incremental inputs:	Number of inputs: Input logic: Channels: Frequency: Termination resistors: Connections:	20 TTL / RS422 Standard A, /A, B, /B, Z, /Z max. 1 MHz 500 Ohm / channel (internal) SUB-D connector (male), 9-pin
Control inputs:	Number of inputs: Signal levels: Input logic: Internal resistance: Pulse width: Connections:	2 x 6 LOW: 0 … 2.5 V, HIGH 10 … max. 35 V HTL / PNP (active high) Ri > 10 kOhm > 1ms screw terminals, 1.5 mm² / AWG 16
Incremental outputs:	Number of outputs: Output logic: Channels: Frequency Latency period: Channel switchover: Connections:	2 TTL / RS422 Standard A, /A, B, /B, Z, /Z max. 1 MHz < 250 ns < 1 ms SUB-D connector (female), 9-pin
Display elements:	Quantity / Type:	42 status LEDs (green and yellow)
Housing:	Material: Mounting: Dimensions (w x h x d): Protection class: Weight:	open plastic housing, grey/black 35 mm top hat rail (according to EN 60715) 270 x 142 x 46 mm / 10.630 x 5.591 x 1.811 inch IP20 approx. 530 g
Ambient temperature:	Operation: Storage:	0 °C … +45 °C / +32 … +113 °F (not condensing) -25 °C … +70 °C / -13 … +158 °F (not condensing)
Conformity & standards:	EMC 2014/30/EU: RoHS (Ⅱ) 2011/65/EU RoHS (Ⅲ) 2015/863:	EN 61000-6-2, EN 61000-6-3, EN 61000-6-4, EN 61326-1 EN IEC 63000