

## Signal Converters

Part No	Function	In / Output
<b>DZ266</b>	Multi function Under/Over speed	1 Incremental to Analogue and Relay
<b>FU252</b>	Frequency to analogue converter	1 Incremental to Analogue & RS232
<b>ZU252</b>	Count value to Analogue conversion	Voltage 0-10 Current 4 to 20mA

## Incremental Encoder Signal expanders

<b>FM260</b>	Level converter & Impulse or Frequency multiplier	1 in 1 Incremental Encoder
<b>GV204</b>	Level converter TTL/HTL to TTL/HTL No isolation 9 Pin D Plug wiring	1 in 2 Incremental Encoder
<b>GV210</b>	Level converter TTL/HTL to TTL/HTL No isolation - Screw terminal wiring	2 in 2 x Incremental Encoder
<b>GV210</b>	Level converter & Expander 2 out	1 in 2 x Incremental Encoder
<b>GV470</b>	Level converter, Isolator & Expander 8 out	1 in 8 Encoder Outputs
<b>GV471</b>	Level converter, Isolator & Expander 4 out	1 in 4 Encoder Outputs
<b>GV480</b>	Level converter, Isolator & Expander 8 Isolated out	1 in 8 Isolated Encoder Outputs
<b>GV481</b>	Level converter, Isolator & Expander 4 Isolated out	1 in 4 Isolated Encoder Outputs
<b>IT251</b>	Level converter Divider & Expander 2 Out	1 in 2 x Incremental Encoder
<b>PU210</b>	Level converter - with Opto Isolation	1 in 1 Incremental Encoder

## Multi function panel meter with 15mm LED display

- Universal input power supply 110 to 240 AC - Optional DC available
- High Speed Position and Event Counter (100 kHz)
- Tachometer, Frequency Meter
- Baking Time and Processing Time Indicator (reciprocal speed)
- Timer, Stopwatch
- Speed Display from Transition Time between Start and Stop Impulse
- Additional Functions: Linearization, Brightness Control, Digital Filter etc.

<b>DX342</b>	Display with two presetable mechanical relay outputs	2 Mechanical relay + RS232/485
<b>DX345</b>	Display only	No output function
<b>DX346</b>	Display with analogue output	Voltage 0-10 Current 4 to 20mA
<b>DX347</b>	Display with two presetable opto isolated outputs	2 Transistor switches
<b>DX348</b>	Display with RS232 / 485	Serial RS232 / 485

NOTE: This is a small selection of products from Motrona which are most commonly used with incremental encoders. For the full product range and installation manuals for these products visit the [www.motrona.com](http://www.motrona.com) website.



DX345



FU251



GV470