

Product Change Notification

Product Group: Replacement GV4xx-Series with GV/GT22x-Series

Date: 14.09.2023

	GV4xx (old version)	GV/GT22x (new version)
		
Compatibility	GV460 GV470 GV461 GV471 GV480 GV481	➤ GV228 ➤ GV224 ➤ GT228 ➤ GT224
Incremental input	Signal levels (selectable): RS422 / TTL (differential voltage > 0,5 V), HTL (asymmetrical): LOW 0 ... 10 V, HIGH 15 ... 30 V or HTL (symmetrical): 10 ... 30 V Frequency: max. 500 kHz at RS422 / TTL max. 200 kHz at HTL	Signal levels (selectable): RS422 / TTL (differential voltage > 0,5 V), HTL Differential (differential voltage > 2 V), HTL (asymmetrical): LOW 0 ... 6 V, HIGH 8 ... 40 V TTL (asymmetrical): LOW < 0,8 V, HIGH >2,0 V Frequency: max. 1 MHz at RS422 / TTL max. 500 kHz at HTL Differential max. 250 kHz at SE TTL / SE HT
Incremental outputs	4 (GV461, 471, 481) 8 (GV460, 470, 480) Devices cascable Signal delay time 400 ns / 600 ns for GV470 / GV471	2 (GT222) 4 (GV224, GT224) 8 (GV228, GT228) Or more with expansion modules EV or ET Signal delay time 160 ns
Potential separation	GV460, GV461, GV470, GV471 potential separation between input and outputs GV480, GV481 complete potential separation (input, all outputs and power supply)	GV-Serie without potential separation GT-Serie potential separation between input and outputs as well between all outputs among each other; no potential separation between input and power supply
Housing	72 x 144 x 90,5 mm	34 x 118 x 140 mm (GT222 / GV/GT224) 54 x 118 x 140 mm (GV228 / GT228)