

Process controller, analog



Type	PCD41	PCD43	PCD45
	ProLine	ProLine	ProLine
Supply voltage	24, 48, 115, 230 VAC, 12...30 VDC	24, 48, 115, 230 VAC	85...265 VAC 18...30 VDC
Sensor supply	10...26 VDC, max. 85 mA	12...26 VDC, max. 80 mA	18 VDC, max. 350 mA
Inputs	1 analog, 2 control inputs	2 analog, 2 control inputs	2 analog, 3 control inputs
Input frequency	--	25 Hz, 10 / 40 kHz	25 Hz, 10 / 40 kHz
Outputs	2 relay	2 electr., 2 relay	3 analog, 2 relay
Display	LED, 6-digit	LED, 6-digit	LED, 6-digit
Interface	RS232 / 422 / 485	RS232 / 422 / 485	RS232 / 422 / 485
Power consumption	6 VA, 4 W	7 VA, 5 W	12 VA, 10 W
Front dimensions	96 x 48 mm	96 x 48 mm	96 x 48 mm
Particularities	Two-point calibration	Calculation functions	Calculation functions and limit value

Process controller, digital



Type	TA134	TA200	TA201	TA202
	ProLine	ProLine	ProLine	ProLine
Supply voltage	24, 48, 115, 230 VAC, 12...30 VDC	24, 48, 115, 230 VAC, 24 VDC	24, 48, 115, 230 VAC, 24 VDC	24, 48, 115, 230 VAC, 24 VDC
Sensor supply	12...26 VDC, max. 60 mA	12...26 VDC, max. 100 mA	12...26 VDC, max. 100 mA	12...26 VDC, max. 100 mA
Inputs	A, B, 3 control inputs	F1	F1, F2/Start, Stop	F1, F2/Start, Stop
Input frequency	25 Hz, 40 kHz	25 Hz, 40 kHz	25 Hz, 10 / 40 kHz	25 Hz, 10 / 40 kHz
Outputs	Electr. or relay	--	--	Electr. and relay
Display	LCD, 6-digit	LED, 6-digit	LED, 6-digit	LED, 6-digit
Interface	RS485	--	--	RS232 / 422 / 485
Power consumption	5 VA, 4 W	6 VA, 4 W	6 VA, 4 W	7 VA, 5 W
Front dimensions	48 x 48 mm	96 x 48 mm	96 x 48 mm	96 x 48 mm
Particularities	Background illumination	--	Calculation function	Calc. funct. and limit value

Position Displays



Type	N 208	N 214	NA214	NA218
Supply voltage	12...24 VDC	24/48, 115/230 VAC, 24 VDC	24/48, 115/230 VAC, 24 VDC	24 VDC
Sensor supply	--	12...26 VDC	12...26 VDC	24 VDC
Inputs	Track A, Track B, Reset	Track A, Track B, Reset	SSI, 25 bit	Parallel up to 24 bit
Counting rate	3 / 25 / 10000 Hz	3 / 25 / 10000 Hz	--	--
Outputs	--	1 electr., relay	4 relay (analog)	--
Display	LED, 6-digit	LED, 6-digit	LED, 6-digit	LED, 6-digit
Interface	--	RS232 /422 /485	--	--
Counting mode	A90°B, A-B, etc.	A90°B, A-B, etc.	--	--
Particularities	--	0 - contact	For Absolute Encoder, SSI	For Absolute Encoder, Parallel

Spindle Position Displays



Model	N 140	N 141	N 142
	Multi con	Multi con	Multi conDrive
Features	Manual Spindle Positioning	Manual Spindle Positioning	Motive Spindle Positioning
Supply voltage	24 VDC	24 VDC	24 VDC
Display	Two-line LCD display for running value and target	Two-line LCD display for running value and target	Two-line LCD display for running value and target
Resolution	2304 steps/turn ±4096 turns	2304 steps/turn ±4096 turns	2304 steps/turn ±4096 turns
Interface	RS485, ASCII-Protocol	RS485, ASCII-Protocol	RS485, ASCII-Protocol
Hollow shaft	Ø25 mm	Ø25 mm	Ø25 mm
Special Features	--	Switchover key for value displayed	Control output for motor

Memory Controller



Model	N 240	N 242
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MultiCon

MultiConDrive

Features	Controller for Manual Spindle Positioning	Controller for Motive Spindle Positioning
Supply voltage	85...265 VAC	85...265 VAC
Display	LCD TFT (2x16), Two-line, 5 languages	LCD TFT (2x16), Two-line, 5 languages
Memory	For 100 profiles with 32 positions each	For 100 profiles with 32 positions each
Interface	RS485, ASCII-Protocol	RS485, ASCII-Protocol
Dimensions	72 x 72 mm	144 x 144 mm
Special features	Programming and memory unit	Programming and memory unit

System Components for multicon and multiconDrive



Models	N 155	GK473	BG650
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Features	Target display for manual Spindle positioning	Profibus-Gateway with Auto-Check-functions	EC-motor with integrated electronics for rotation speed regulation
Supply voltage	24 VDC	12...24 VDC	24 VDC (65/100/140 W)
Display	Two-line LCD target value, backlight	Operating status display with 4 LED's	--
Current consump.	30 mA	200 mA	Max. 27 A
Interface	RS485, ASCII-Protocol	RS485, ASCII-Protocol	Digital
Protection	IP 65	IP 20	IP 65
Special features	1 key assigned for target confirmation	Profibus	Motor for multiconDrive