

Meldas M65 – Y Output Signal List (Sorted by Yn)

Y0	CHIP CONVEYOR STOP LED	- Conveyor stop condition
Y1	FIT EACH IN LED	- Step/feed mode indicator
Y2	HOME START LED	- Homing active
Y3	M.S.T. LOCK LED	- Machine safety/tool lock
Y4	HYDRAULIC MOTOR	- Hydraulic pump ON
Y5	ALARM LAMP	- Main alarm light
Y6	OT RELEASE	- Overtravel release
Y7	MAGAZINE CCW	- Rotate CCW
Y8	WORK LIGHT	- Machine lighting
Y9	MAGAZINE BACK	- Move to tool change pos
Ya	TOOL UNCLAMP	- Release tool
Yb	MACHINE READY	- Machine ready state
Yc	CHIP CONVEYOR CCW	- Conveyor reverse
Yd	NO.2 COOLANT CTS	- Through-spindle coolant
Ye	NO.1 COOLANT PUMP	- Main coolant pump
Yf	PROGRAM FINISH LAMP	- Program end indicator
Y10	MOD/M01 LED	- Optional stop active
Y11	DOOR RELEASE LED	- Door unlock
Y12	MAGAZINE BACK LED	- Back position reached
Y13	MAGAZINE FORWARD LED	- Forward position
Y14	A NEGLECT LED	- Axis ignore
Y15	CYCLE IN LAMP	- Cycle active
Y16	A AXIS CLAMP	- Clamp rotary axis
Y17	MAGAZINE CW	- Rotate CW
Y18	DOOR LOCK (FORE)	- Door locked
Y19	EXT AIR BLOW	- Air valve
Y1a	MAGAZINE FORWARD	- Move forward
Y1b	LUBRICATION PUMP	- Oil pump
Y1c	CHIP CONVEYOR CW	- Conveyor forward
Y1d	CTS TANK PUMP	- CTS tank pump
Y1e	AUTO POWER OFF	- Auto shutdown
Y1f	MAG MOTOR BRAKE	- Magazine motor brake
Y40	X HOME LED	- X referenced
Y41	Y HOME LED	- Y referenced
Y42	Z HOME LED	- Z referenced
Y43	A HOME LED	- A referenced
Y44	A CLAMP LED	- Clamp status
Y45	ATC READY LED	- Toolchanger ready
Y46	LUB LOW LEVEL LED	- Oil low
Y47	AIR LOW LED	- Air low
Y48	NC ALARM LED	- Alarm
Y49	FEED HOLD LAMP	- Feed hold active
Y4a	HANDLE MODE LED	- Manual jog
Y4b	SPINDLE CCW LED	- CCW rotation
Y4c	BLOCK DELETE LED	- Block skip
Y4d	PROGRAM RESTART LED	- Restart mode
Y4e	DRY RUN LED	- Dry run
Y4f	MANUAL ABS LED	- Manual/absolute mode
Y50	+A LED	- A positive motion
Y51	-Z LED	- Z down
Y52	+Y LED	- Y positive
Y53	-X LED	- X negative
Y54	OT RELEASE LED	- OT active
Y55	+X LED	- X positive
Y56	-Y LED	- Y negative
Y57	+Z LED	- Z up
Y58	-A LED	- A negative motion
Y59	CYCLE START LAMP	- Program running
Y5a	SPINDLE ORIENTATION LED	- Orientation active
Y5b	SINGLE BLOCK LED	- Step mode
Y5c	OPTIONAL STOP LED	- M01 stop
Y5d	MACHINE NOT LOCK LED	- Not safe
Y5e	Z LOCK LED	- Z locked
Y5f	SPINDLE RESET LED	- Reset drive
Y60	FREE	- Unused
Y61	FREE	- Unused
Y62	TOOL METER ENABLE	- Probe enable
Y63	TOOL METER CLOCK	- Probe clock
Y64	MAG TOOL NO DISPLAY	- Tool display (mag)

Y65	SP TOOL NO DISPLAY	- Tool display (spindle)
Y66	MAGAZINE CW LED	- CW active
Y67	MAGAZINE CCW LED	- CCW active
Y68	CHIP CONVEYOR CW LED	- Forward indicator
Y69	CHIP CONVEYOR CCW LED	- Reverse indicator
Y6a	NO.1 COOLANT LED	- Coolant ON
Y6b	EXT AIR BLOW LED	- Air ON
Y6d	AUTO POWER OFF LED	- Shutdown indicator
Y6e	SPINDLE CW LED	- CW rotation
Y6f	SPINDLE STOP LED	- Spindle stopped