



Signum Complete Scale

Option A5 - UniCOM: Digital 5 x IN/5 x OUT / YD001SW-DIO



- This optional data output enables direct control of signal transmitters and controllers.
- Electrically decoupled switch outputs can activate signals according to the specifications listed below (5 inputs and 5 outputs)

| Digital Input Function | Level 1 | Level 2 | Level 3 | Digital Output Function | Level 1 | Level 2 | Level 3 |
|--|---------|---------|---------|---|---------|---------|---------|
| Zero/Stop calibration/Calibrate | • | • | • | Stable weight value (scale stability) | • | • | • |
| Tare | • | • | • | Large minimum sample quantity for application | | • | • |
| Print | • | • | • | Small minimum sample quantity for application | | • | • |
| Quit application/Delete one character (CF key) | | • | • | Underflow L (underload) | • | • | • |
| "FN" key function (configurable in the the operating menu: toggle between weight units, gross and net values, or normal and 10-fold higher resolution) | • | • | • | Overflow H (overload) | • | • | • |
| Start function/application ("OK" key) | | • | • | Control output "<" | | • | • |
| "Info" key function (view application info or manual tare values) | | • | • | Control output "=" | | • | • |
| Scale toggling | | • | • | Control output ">" | | • | • |
| Combined zero/tare function | • | • | • | Control output "Set" | | • | • |
| Toggle between applications | • | • | • | Scale ready to operate | • | • | • |
| "isoTEST" key function | • | • | • | Data in tare memory | | | |
| Print GMP footer ("Print" key held > 2 sec) | • | • | • | | | | |
| Switch scale on/off | • | • | • | | | | |

Digital inputs (electrically isolated by opto-electronic coupler)

Input voltage range -3 to -30VDC

Input voltage: -3V to 5V (logical 0) $I_{(5V)}=100\mu A$

Input voltage: 11-30V (logical 1) $I_{(15V)}=2.6mA$

Digital outputs (electrically isolated by opto-electronic coupler)

Output voltage range 0 to 30 VCD $I_{max}=100mA$