# K50 Control and Display




## Touch with Display

- Four-digit, seven-segment LED display
- Two independent touch areas
- Excellent immunity to false triggering by water spray, oils, and other foreign materials
- Can be actuated with bare hands or gloves

| Housing | Activation Method | Display | Control | Connection |
|---|---|---|---|---|
| **K50P** | **TC** | **D4** | **K** | **QP** |
| | **TC** = Touch | **D4** = 4-Digit LED Display | **K** = IO-Link<br>**S** = PICK-IQ | **Q** = M12 integral QD<br>**QP** = 150 mm (6 in) cable with M12 QD<br>**Q2PS** = Dual 240 mm (9.45 in) PVC shielded cables with M12 integral QDs* |

QD models require mating cordset

*Not available with IO-Link models




## I/O Touch Control with Display

- Onboard analog, PWM, PFM, and discrete outputs enable control of core applications such as adjusting VFD speed, dimming LED lights, and signaling part-picking details
- Two capacitive touch zones provide reliable input with gloved or bare hands—with no mechanical parts to wear out
- Four-character, 14-segment display improves operator response by showing output values and system messages
- Bright, multicolor LEDs provide operators with at-a-glance equipment status. All colors and animations are easily configured with Banner's free Pro Editor software

| Housing | Activation Method | Display | Mode | Connection |
|---|---|---|---|---|
| **K50P** | **TC** | **D4** | **PICK** | **Q** |
| | **TC** = Touch | **D4** = 4-Digit LED display | **UI4** = 0 to 10 V (4 to 20 mA) (pin 4)<br>**UI5** = 0 to 10 V (4 to 20 mA) (pin 5)<br>**PULS** = PWM/PFM<br>**PICK** = Pick-to-light | **Q** = M12 integral QD<br>**Q2PS** = Dual 240 mm PVC-jacketed cables with M12 integral QD* |

QD models require mating cordset

*Only available with UI4 models