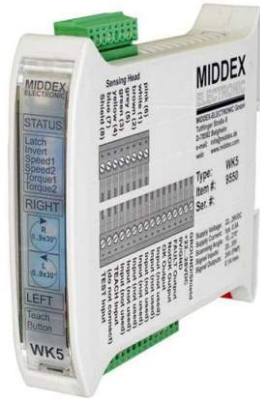


# WK5 Technical Data

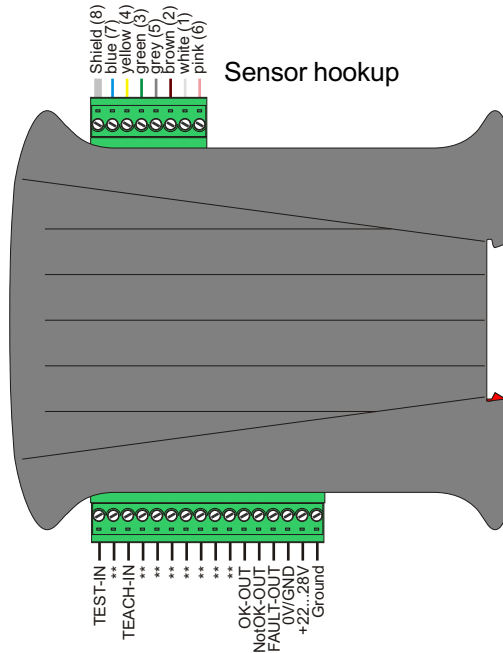


Caring Beyond Our Products

## Controller WK5 (item # 9550)



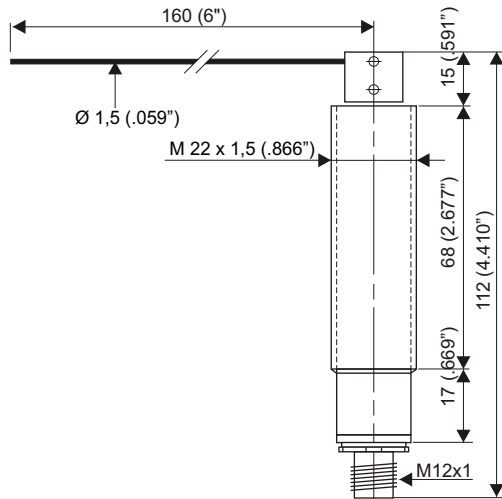
Protection:	IP20
Interference susceptibility:	to EMV specs, carries CE logo
Mounting:	EN rail (DIN rail)
Supply voltage:	22-26VDC
Power draw:	typically 5W (no output loads)
Outputs:	pnp +24V (typically) solid state (nnp available)
Output current load:	100mA maximum
Temperature range:	0° to +50°C (32° to 122°F)
Signal voltage:	8 to 30VDC
Input resistance:	approximately 4.7kOhm
Plug-in connector sensor:	Phoenix MC1.5/8-ST-3.5
Plug-in connector signal:	Phoenix MC1.5/16-ST-3.5



The WK5 system offers the following expansion versus the WK2:

- Range of small tools considerably expanded
- Speed is user adjustable
- Torque is user adjustable
- Output signal duration selectable
- Outputs may be inverted
- Outputs OK, NotOK, and Fault signals are pnp
- Scanning result, operational status, and error shown with multi colored LEDs

## Sensor WKT5 (item # 9554)



### Typical cycle times for tools up to dia. 0.2mm

Scanning angle 30°:	380ms
Scanning angle 90°:	430ms
Scanning angle 180°:	490ms
Scanning angle 240°:	540ms

Sensor body:	Stainless steel chromed
Protection:	IP67
Protection connector plug:	IP67
Interference susceptibility:	to EMV specs, carries CE logo
Probe length:	standard 160mm (6")
Scanning angle:	maximum 270° left or right hand
Scanning:	potential free
Smallest tool diameter:	approximately 0.1mm
Temperature range:	0° to +70°C (32° to 158°F)

All text, technical data, measurements and samples were prepared thoroughly. However Middex Electronic and CIRO Products Ltd. cannot be held liable for errors and omissions. Middex Electronic and CIRO Products Ltd. reserve the right to improve or change the design of hard and software and make changes to the technical documentation without further notice.