

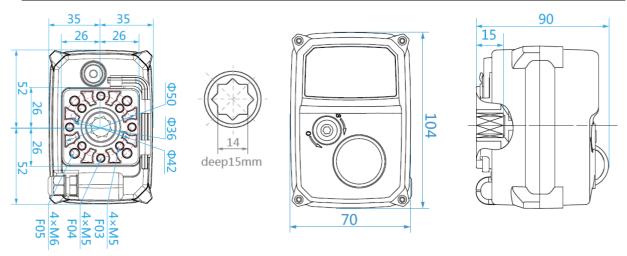
CNX20 Actuator



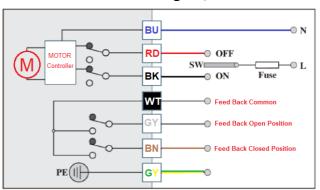




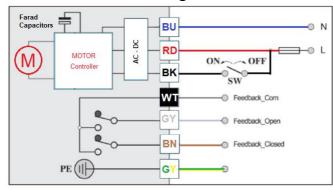
BASIC SPECIFICATIONS			
Torque	Run 20Nm (178Lb) / 25Nm Break (221Lb)		
Voltage	12VDC, 24vAC/DC, 100-265vAC/DC		
Mounting	ISO5211 F03/04/05 x 14mm		
Protection	IP67		
Electrical connection	Pre Wired 0.8m Flying Lead with JST-XH 6S 7 Pin connector		
Open / Closed Position feedback	2 x Mechanical micro-switches, dry contact/volt free		
Local visual position indication	Dome style 2 colour		
Housing	ABS (Thermoplastic Polymer)		
Weight	0.8Kg		

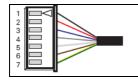


CNX20 Basic Wiring On/OFF



CNX Basic Wiring Failsafe





CNX20 compact actuators are prewired 0.8m long 16 wire gauge cables for power, feedback and earth and are supplied with a JST-XH 6S 7 Pin connector. This can be removed if not required or to be utilised. This does NOT invalidate the warranty or effect the actuator. Other cable lengths available on special request.



ELECTRICAL					
Rated Voltage	95-265VAC/DC (50/60Hz)	24VAC/DC (50/60Hz)	DC 12V		
Voltage Range	AC: 95-265V DC: 100-300V	AC: 18-26V DC: 22-28V	DC: 10-15V		
Torque Nm	20 (Break 25)	20 (Break 25)	20 (Break 25)		
Power (Watts)	15W	15W	15W		
Power (Watts) Failsafe	36W	36W	36W		
Current (Peak)	0.94A	0.94A	0.94A		
On Off Fuse	2A	1A	2A		
Run time	10 Seconds Open - Close	10 Seconds Open - Close	15 Seconds Open - Close		
Heater Power (W)	0.6W	0.6W	0.6W		
FEATURES					
Operating frequency	Not continuous, allow ≥ 1 minute between cycles				
Position confirmation	Mechanically driven dome style visual 2 colour indicator				
Mounting	Horizonal or Vertical - Do not install upside down.				
End Position indication	Micro-switches operated by adjustable internal cams, set slightly ahead of the final motor stop position.				
ISO:5211	F03/04/05 - Note F04 is at 45 degree				
Working Angle	Factory set at 90° ±2°, maximum angle of rotation 360° unless multi turn series.				
Manual operation	Yes, with allen key (supplied in clip under actuator head) use only when no power is being applied.				
Female drive	14mm x 15mm deep (Optional 9mm adaptor)				
Ingress protection	IP67				
Max media temp	≤ 80°C (unless in combination with thermal barrier)				
Ambient temp	-20°C to +60°C, Non-operating temperature: -40°C to +80°C Maximum				
Wiring Connectivity	M10 weatherproof gland with flying lead.				
Ambient humidity	5-95% Relative Humidity non-condensing				
Explosion proof	Do not use this model in ATEX hazardous area zones				
Housing	ABS (Thermoplastic Polymer)				
Weight	0.8Kg.				
Warranty	1 year 20,000 operations warranty. Terms and conditions apply.				



Item	Description	Material
1	Actuator	ABS
2	Visual Indicator (Dome)	Transparent AS
3	Screws x4	304 Stainless
4	Manual Override	304 Stainless
5	Allan Key (Over ride)	Steel

