ISC CAM Quick startup guide

Connections

Function		Connector	Location	
Power supply*	Required	M12 female 4-pin A-Coded	ISC CAM Power supply cable	
Ethernet	Required: ISC setup Optional: PLC connectivity	M12 male 4-pin D-Coded	ISC CAM Ethernet cable	
Divert signal* **Run-error signal***	Optional	M12 male 4-pin A-Coded	ISC CAM Port C3	

*see electrical schematic for details

Color coding
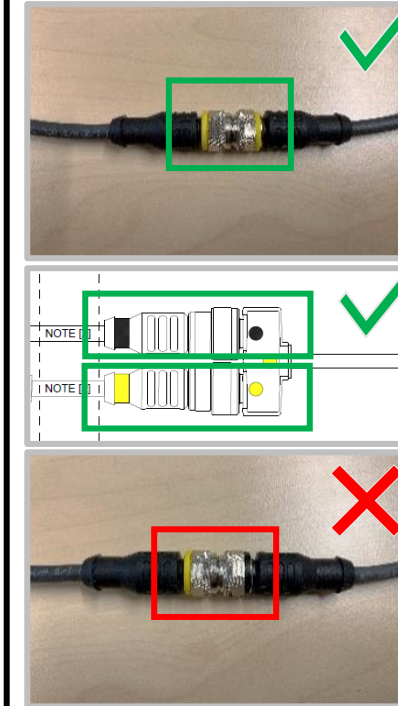
Cable	Ring		Function
Black	Gray		Power supply
Black	Black		Sensor
Black	Green		Encoder (Sick)*
Black	White		Encoder (Turck)*
Black	Yellow		Valve AIM™ S800*
Black	Blue		Valve DARB™ S45x0*
Black	Red		Valve bank S70x0*
Green	-	-	Ethernet

* Configuration/platform dependent

Power supply*

24VDC (V1)   24VDC (V2)
1   2
GND (V2) 4   3 GND (V1)

18...30 VDC (SELV)
(V1 CPU) PER C0...C3 < 0.2A
(V2 PORTS) PER C0...C3 < 4A
UNFUSED

CONNECT LOGIC (V1) &
IN-OUTPUTS (V2)
EACH ON
POWER SUPPLY

Dual 24V power required

*see electrical schematic for details

Connectivity

Default IP Address: 192.168.1.254
HMI: http://192.168.1.254

Set IP Address PC

Set static IP*
- Open a command prompt (cmd.exe)
- Enter: netsh interface ipv4 show config
- Find the interface name e.g."Local Area Connection"
- Enter: netsh interface ipv4 set address name="YOUR INTERFACE NAME" static 192.168.1.2 255.255.255.0 0.0.0.0

Set dynamic IP*
- Open a command prompt (cmd.exe)
- Enter: netsh interface ipv4 show config
- Find the interface name e.g."Local Area Connection"
- Enter: netsh interface ipv4 set address name="YOUR INTERFACE NAME" source=dhcp

* Consult with your IT department for support and details