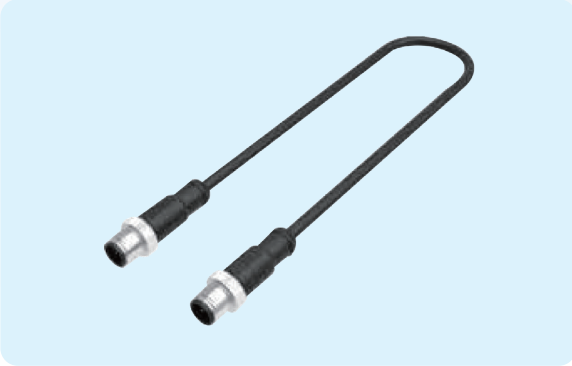
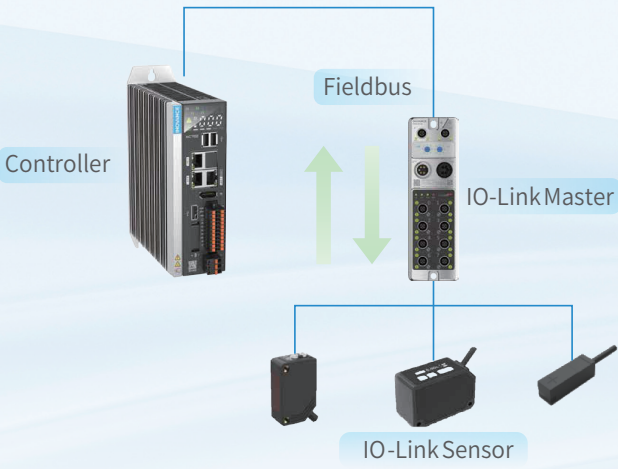
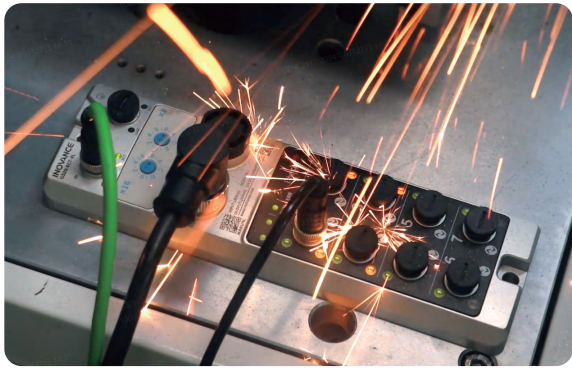


Product family overview

- Two-way communication
- Sensors with an IO-Link interface can send data& status and receive parameters to the controller through the IO-Link Master, making it easier to save and modify parameters, which make it easy sensor replacement and quick parameters modification



- Efficient wiring with standardized cables
- Power supply and signals are routed through the same cable



- Up to IP67, stringent standards for reliability
- Compliant with IEC-61131-2 standard
 - Ambient temperature range: -25°C ~70°C
 - Material shell adopts alloy

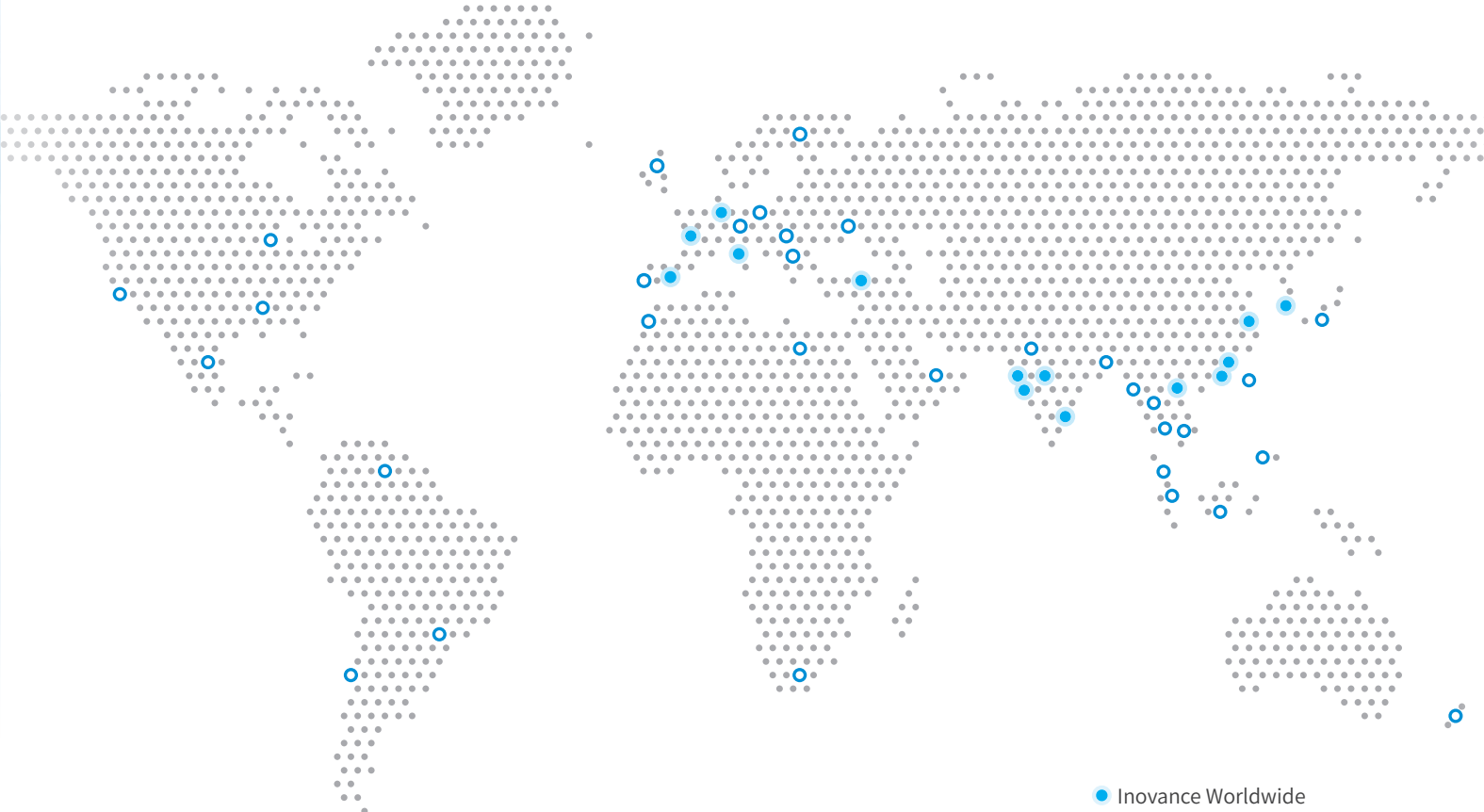
General	Update History	Auto Update	Only new messages	Auto Messages
Process Data (POD Settings)	Type	Flag	Timestamp	Message
Status parameter (SDO Settings)	Warning	IN	2020/11/10 09:00:00	[0x00] No device part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x01] General power supply fault - Check availability part 0 - available 0
Cal Data	Info	IN	2020/11/10 09:00:00	[0x02] Link event General power supply fault - Check availability part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x03] General power supply fault - Check availability part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x04] Link event Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x05] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x06] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x07] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x08] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x09] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x0A] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x0B] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x0C] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x0D] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x0E] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x0F] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x10] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x11] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x12] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x13] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x14] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x15] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x16] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x17] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x18] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x19] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x1A] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x1B] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x1C] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x1D] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x1E] Diagnostic part 0 - available 0
Diagnosis	Info	IN	2020/11/10 09:00:00	[0x1F] Diagnostic part 0 - available 0

- Function improves easy fault tracing
- Over 20 types of diagnostic information
 - ID recognition function for quick error
 - Real time faults visualization
- *Note: system requirements Codesys-based PLC



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INOVANCE

GS20 & GR20 Series IO-Link modules

Operation outside the cabinet, efficient wiring, designed for reliability

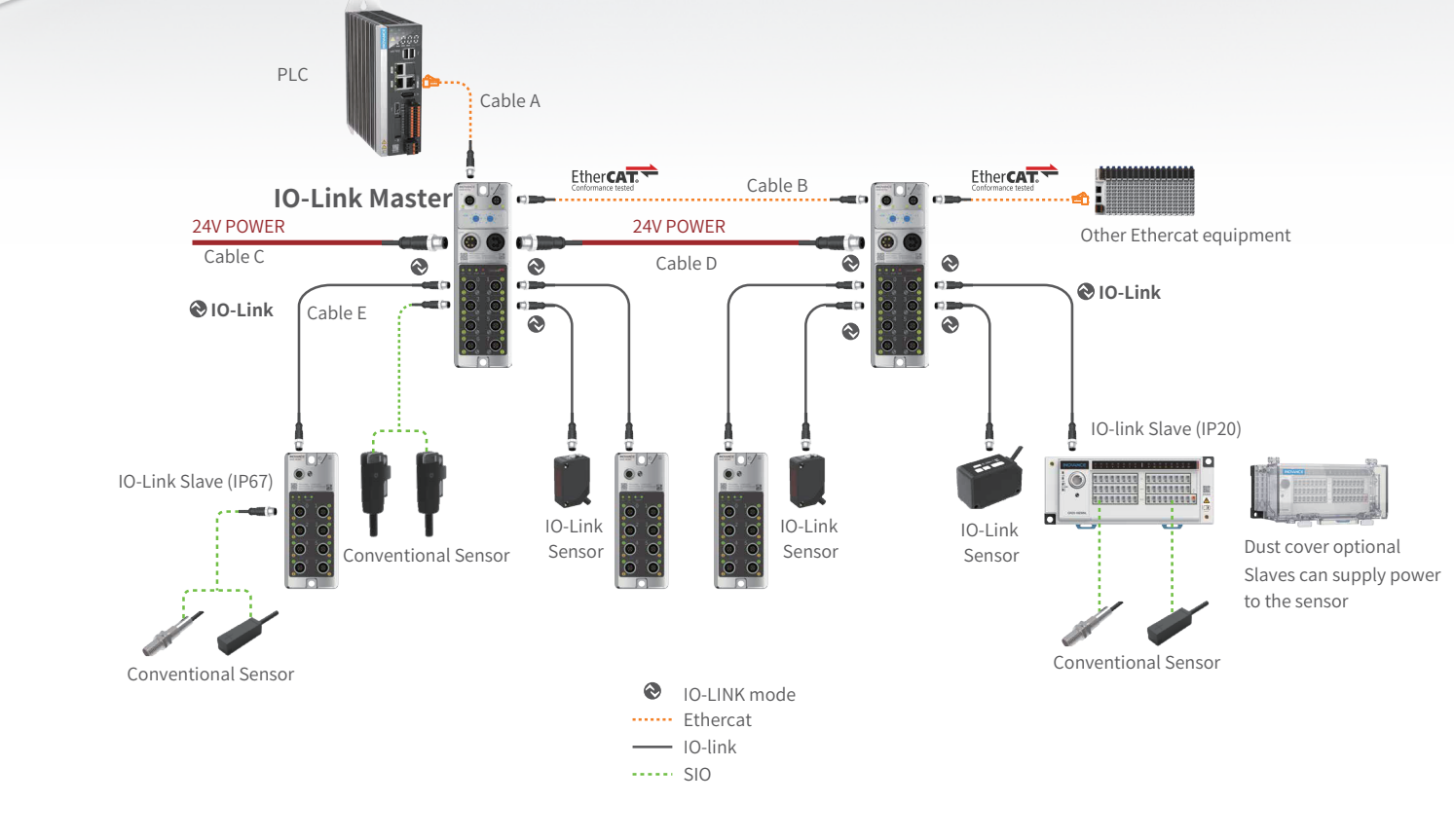
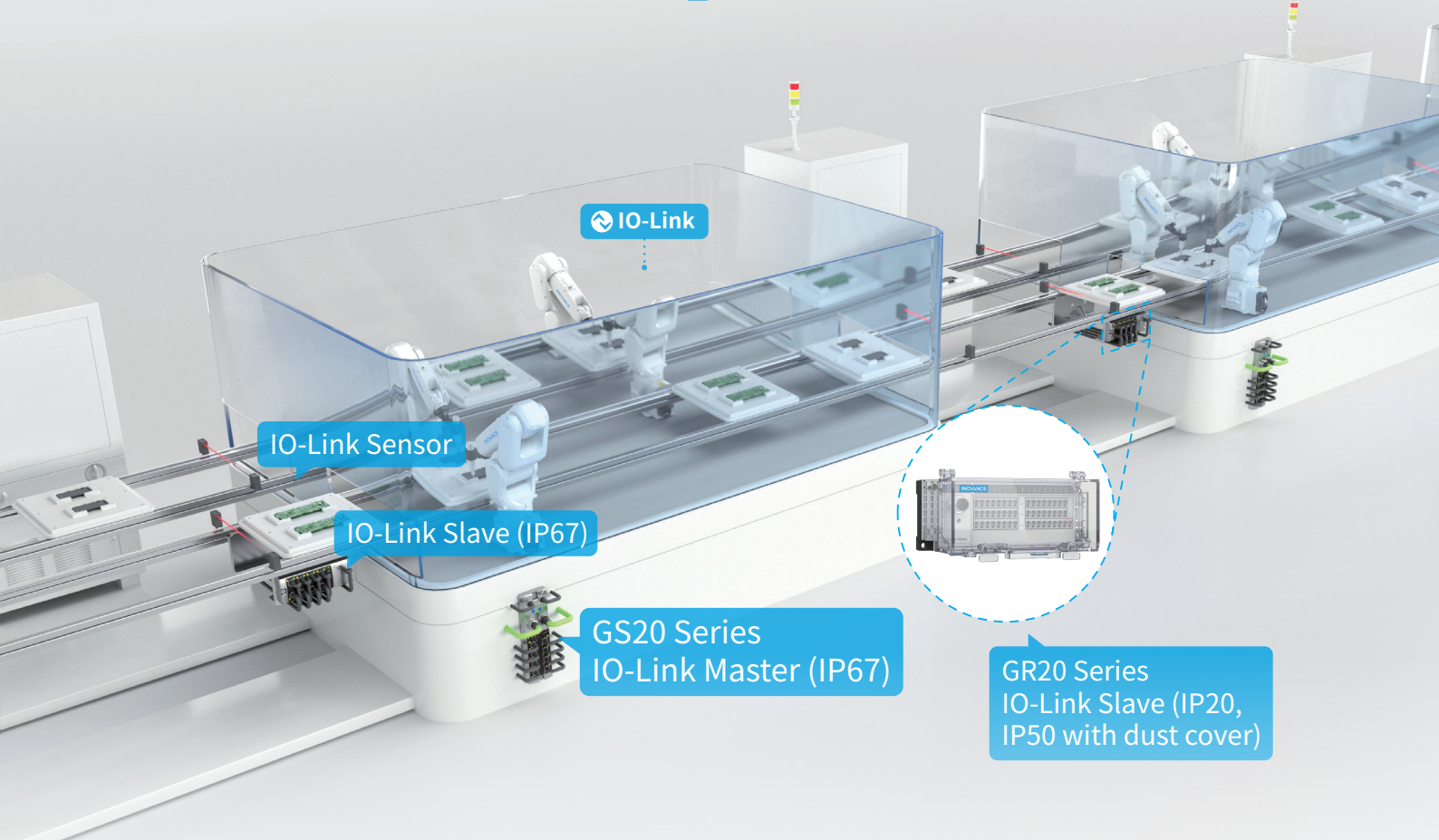


Features & functions

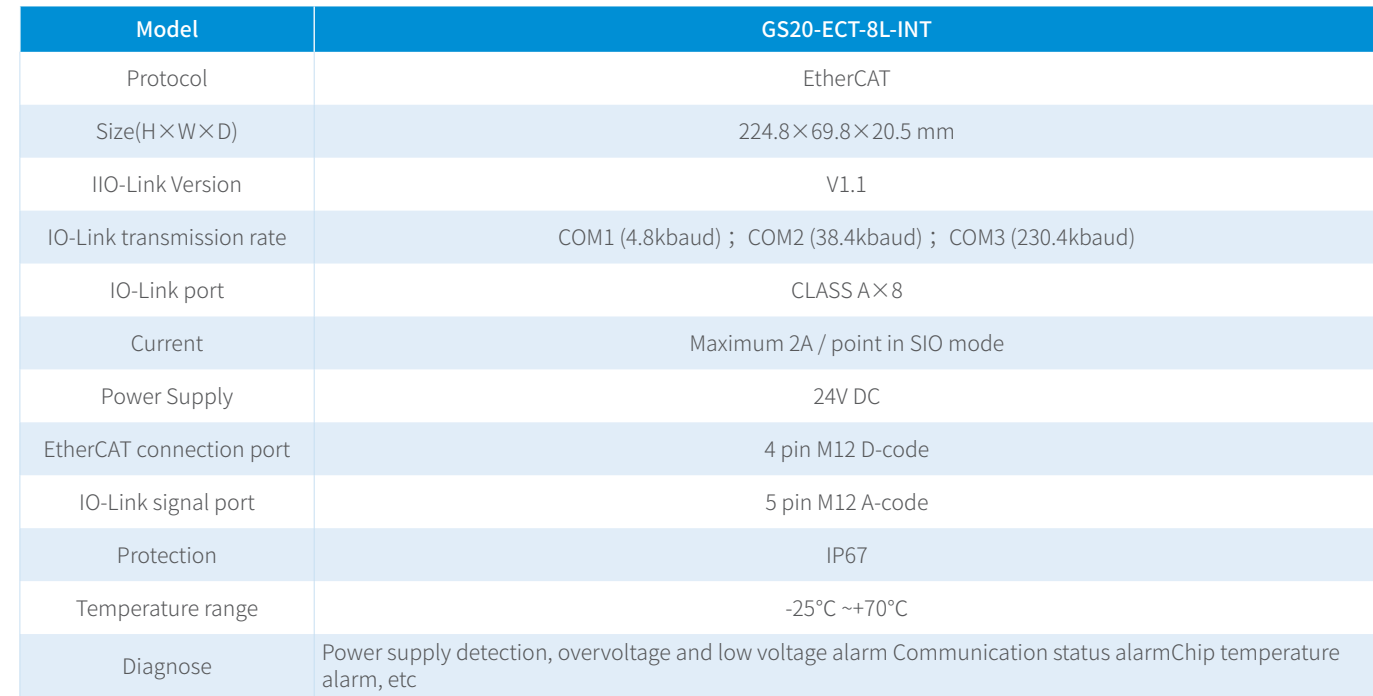
- Up to IP67, installation & operation outside the cabinet
- IO-Link communication (IEC61131-9)
- Standardized interface & flexible/stable data exchange
- Nearby installation without extra wiring



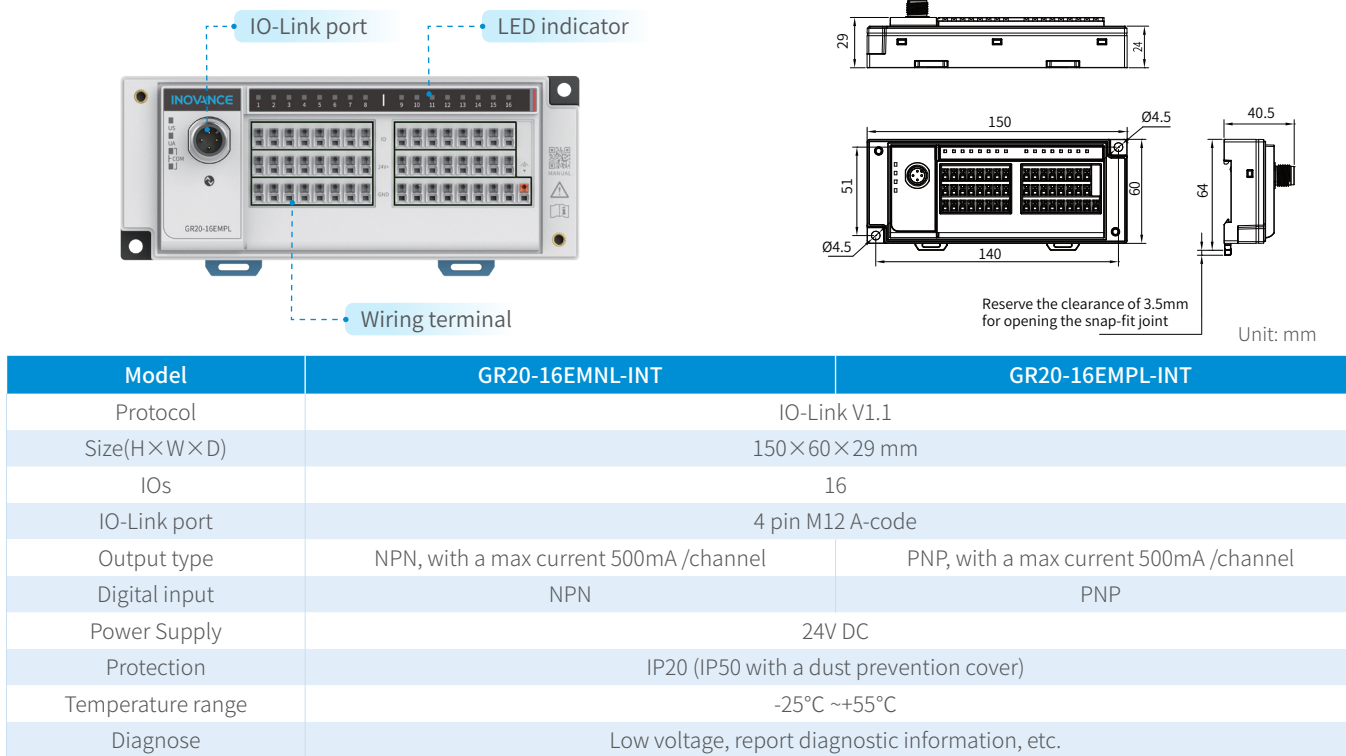
IO-Link Modules Overview









IO-Link Master GS20



IO-Link Slaves GR20



Model

Model	Appearance	Description	Length (m)
CAB-RJ45-M12DMS4-3		EtherCAT cable, M12 (D-code), 1*male straight head - 1*RJ45 port, PLC network port connected to EtherCAT communication cable of the master	3
CAB-RJ45-M12DMS4-5			5
CAB-RJ45-M12DMS4-8			8
CAB-RJ45-M12DMS4-10			10
CAB-RJ45-M12DMS4-15			15
CAB-M12AMS4-M12AFL4-3		IO-Link cable, 4 pin M12(A-code), 1*male straight head - 1*female elbow, used for connecting IO-Link master to IO-Link substation	3
CAB-M12AMS4-M12AFL4-5			5
CAB-M12AMS4-M12AFL4-8			8
CAB-M12AMS4-M12AFL4-10			10
CAB-M12AMS4-M12AFL4-15			15
CAB-M12AMS4-M12AFL4-3-T-taiyo		IO-Link cable, M12 A-Code, 4 pin, 1*male straight head - 1*female elbow, With drag chain - Taiyo, used for connecting the IO-Link master to the IO-Link substation (flexible cable, bendable 3-5 million times)	3
CAB-M12AMS4-M12AFL4-5-T-taiyo			5
CAB-M12AMS4-M12AFL4-8-T-taiyo			8
CAB-M12AMS4-M12AFL4-10-T-taiyo			10
CAB-M12AMS4-M12AFL4-15-T0-taiyo			15
CAB-7/8FL5-7/8ML5-3		7/8" power supply cable, 5 pin, 1*male elbow - 1*female elbow, used for cascading of multiple IO-Link master power supplies	3
CAB-7/8FL5-7/8ML5-5			5
CAB-7/8FL5-7/8ML5-8			8
CAB-7/8FL5-7/8ML5-10			10
CAB-7/8FL5-7/8ML5-15			15
CAB-M12DMS4-M12DMS4-3		EtherCAT cable, M12 (D-code), 2*male straight head, with shielded layer, for cascading multiple IO-Link masters (EtherCAT cascaded)	3
CAB-M12DMS4-M12DMS4-5			5
CAB-M12DMS4-M12DMS4-8			8
CAB-M12DMS4-M12DMS4-10			10
CAB-M12DMS4-M12DMS4-15			15
CAB-7/8FL5-3		7/8" power supply cable, 5 pin, 1*female elbow, used to power the master	3
CAB-7/8FL5-5			5
CAB-7/8FL5-8			8
CAB-7/8FL5-10			10
CAB-7/8FL5-15			15

Model	Appearance	Description	Length (m)
CON-M12AFS4		4 pin, female straight connector, connected directly	-
CON-M12AFL4		4 pin, female elbow connector, connected directly	-
CON-M12AMS5		5 pin, male straight connector, connected directly	-
CON-M12AML5		5 pin, male elbow connector, connected directly	-
CON-M12AMS5-YF5		Y-type M12 connector, used for master class A to class B	-
GR20-FCZ series dust cover		Used with GR20 series modules, 150*75.5*70mm	-