

## HG1X –252/452 product to PLC Cable configuration details

### **PLC Supported by HG1X product**

- 1) Allen Bradley DF1
  - 2) Allen Bradley DH485
  - 3) Aromat FP Series
  - 4) GE-90 Series
  - 5) IDEC
  - 6) Keyence KV Series
  - 7) Koyo DL205
  - 8) Mitsubishi FX
  - 9) Modicon
  - 10) Siemens Step-7 Micro
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<b>S/N</b>	<b>PLC Type</b>	<b>HG1X - 252/452</b>
1	Allen Bradley Micrologix	Smart Cable
2	Allen Bradley SLC500	Smart Cable
3	Aromat FP1 Series	Smart Cable
4	Aromat FP0/FPM Series	Straight Cable
5	GE-90 / Versamax with RJ port	Straight Cable
6	GE-90 / Versamax with DB9 port	Straight Cable
7	GE-90 / Versamax with DB15 port	Smart Cable
8	IDEC -Microsmart	Straight Cable
9	IDEC Micro3	Smart Cable
10	Keyence KV Series	Straight Cable
11	Koyo DL205	Straight Cable
12	Mitsubishi FX	Smart Cable
13	Modicon	Straight Cable
14	OMRON Host Link	N.A.
15	Siemens Step-7 Micro	Smart Cable

**A) HG1X 252 / 452 product :-**

**1) Allen Bradley Micrologix series :-** Smart PLC cable is require to connect HG1X252/452 to AB Micrologix PLC

**2) Allen Bradley SLC series (DH485 port):-** Smart PLC cable is require to connect HG1X252/452 to AB SLC PLC

**3) Aromat FP series:-**  
3a) Aromat FP0 / FPM/FP Sigma series

HG1X 252/452 end DB9 Female	Designation	Aromat FP PLC end 5 pin minidin connector
Pin no. 3	TXD	Pin no. 3
Pin no. 8	RXD	Pin no. 2
Pin no. 5	GND/Shield	Pin no. 1
Pin no. 6	VCC (+5VDC)	Pin no. 5

**3b) Aromat FP1 series:** Smart PLC cable is require to connect HG1X252/452 to Aromat FP1 series PLC.

**4) GE 90/30 & Versamax series:- 4a) GE PLC with RJ type PLC port**

HG1X 252/452 end DB9 Female	Designation	GE PLC end RJ / 8P8C Moduler connector
Pin no. 3	TXD	Pin no. 6
Pin no. 8	RXD	Pin no. 5
Pin no. 5	GND/Shield	Pin no. 1
Pin no. 6	VCC (+5VDC)	Pin no. 2
-	-	Short pins 7 & 8
-	-	Short pins 3 & 4

**4b) GE PLC with DB 9 type PLC port:-**

HG1X 252/452 end DB9 Female	Designation	GE Versamax PLC end DB9 Male connector
Pin no. 3	TXD	Pin no. 3
Pin no. 8	RXD	Pin no. 2
Pin no. 5	GND/Shield	Pin no. 5
Pin no. 6	VCC (+5VDC)	Pin no. 9
-	-	Short pins 7 & 8
-	-	Short pins 3 & 4

**4c) GE PLC with DB 15 type PLC port:-** Smart PLC cable is require to connect HG1X252/452 to GE90 / Versamax PLC with DB 15 type PLC port.

**5 ) IDEC series:- 5a) For IDEC-MicroSmart Series**

HG1X 252/452 end DB9 Female	Designation	IDEC series 8 pin minidin connector
Pin no. 3	TXD	Pin no. 4
Pin no. 8	RXD	Pin no. 3
Pin no. 5	GND/Shield	Pin no. 6 & 7
Pin no. 6	VCC (+5VDC)	Pin no. 8

**5b) For IDEC-Micro3 Series:** Smart PLC cable is require to connect HG1X252/452 to IDEC Micro3 PLC..

**6 ) Keyence KV series:-**

HG1X 252/452 end DB9 Female	Designation	Keyence series Modular connector (6P6C)
Pin no. 3	TXD	Pin no. 4
Pin no. 8	RXD	Pin no. 2
Pin no. 5	GND/Shield	Pin no. 3
Pin no. 6	VCC (+5VDC)	Pin no. 5

**7 ) Koyo DL205 PLC series:-**

HG1X 252/452 end DB9 Female	Designation	Koyo DL205 series Modular connector (6P6C)
Pin no. 3	TXD	Pin no. 3
Pin no. 8	RXD	Pin no. 4
Pin no. 5	GND/Shield	Pin no. 1
Pin no. 6	VCC (+5VDC)	Pin no. 2

**8 ) Mitsubishi FX PLC series:-** Smart PLC cable is require to connect HG1X252/452 to Mitsubishi PLC

**9 ) Modicon PLC series:-**

HG1X 252/452 end DB9 Female	Designation	Modicon MicroPLC Modular connector (8P8C)
Pin no. 3	TXD	Pin no. 4
Pin no. 8	RXD	Pin no. 3
Pin no. 5	GND/Shield	Pin no. 5
Pin no. 6	VCC (+5VDC)	Pin no. 1
-	-	Short pins 7 & 8

**10 ) Siemens S7-200 PLC series:-** Smart PLC cable is require to connect HG1X252/452 to Siemens S7-200 PLC