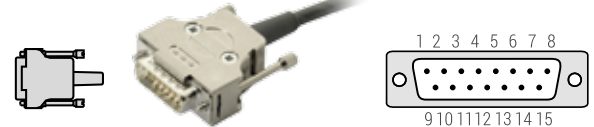


PIN ASSIGNMENTS

8-pin M12-connector according to IEC 61076-2-101 LM008-Gxx-A



15-pin D-sub



EnDat 2.2	Voltage supply				Absolute position values			
	8	2	5	1	3	4	7	6
	4	12	2	10	5	13	8	15
EnDat 2.2	Up	Sensor Up	0 V	Sensor 0 V	DATA	$\overline{\text{DATA}}$	CLOCK	$\overline{\text{CLOCK}}$
	Brown/Green	Blue	White/Green	White	Grey	Pink	Violet	Yellow

BiSS C

	4	12	2	10	5	13	8	15
	4	12	2	10	5	13	8	15
BiSS/Cu	Up	Sensor Up	0 V	Sensor 0 V	SLO+	SLO-	MA+	MA-
	Brown/Green	Blue	White/Green	White	Grey	Pink	Violet	Yellow

Fanuc

	8	2	5	1	3	4	7	6
	4	12	2	10	5	13	8	15
Fanuc05 ai Interface	Up	Sensor Up	0 V	Sensor 0 V	Serial Data	$\overline{\text{Serial Data}}$	Request Frame	$\overline{\text{Request Frame}}$
	Brown/Green	Blue	White/Green	White	Grey	Pink	Violet	Yellow

Mitsubishi

	8	2	5	1	3	4	7	6
	4	12	2	10	5	13	8	15
Mit03-4	Up	Sensor Up	0 V	Sensor 0 V	Serial Data	$\overline{\text{Serial Data}}$	Request Frame	$\overline{\text{Request Frame}}$
Mit03-2					Occupied *	Occupied *	Request/ Data	$\overline{\text{Request/ Data}}$
	Brown/Green	Blue	White/Green	White	Grey	Pink	Violet	Yellow

Panasonic

	8	2	5	1	3	4	7	6
	4	12	2	10	5	13	8	15
Pana02	Up	Sensor Up	0 V	Sensor 0 V	Occupied *	Occupied *	Request/ Data	$\overline{\text{Request/ Data}}$
	Brown/Green	Blue	White/Green	White	Grey	Pink	Violet	Yellow

Yaskawa

	8	2	5	1	3	4	7	6
	4	12	2	10	5	13	8	15
YEC07	Up	Sensor Up	0 V	Sensor 0 V	Occupied *	Occupied *	Serial Data	$\overline{\text{Serial Data}}$
	Brown/Green	Blue	White/Green	White	Grey	Pink	Violet	Yellow

- Up = Power supply voltage
- Sensor: The sensor line is connected in the scanning head with the corresponding power line.
- The shield is connected with the chassis.
- Not connected pins or wires must not be used.
- * Required for adjustment/inspection by PWT 101.