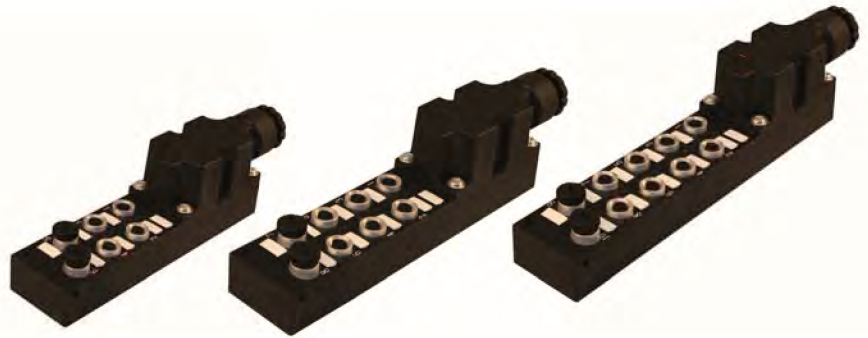


SENSEABLE™

M8/M12 DISTRIBUTION BOXES



Electrical Connectors



M8/M12 Distribution Boxes M8 Type with terminal contacts

PRODUCT DESCRIPTION

M8 distribution boxes
housing colour: black, yellow, orange
Number of poles: 3/4

TECHNICAL DATA

Rated voltage: 10-30V AC/DC
Operating current: 9A total - 2A per contact
contact resistance: $\leq 6\text{M}\Omega$
dimension of pin: 1mm
Max conductors section: 0,75mm²

MATERIALS

Contact material: Phosphorous bronze
Contact surface material: Nickel + 0,45 μm
AU gold plated
Housing material: Nylon 6 + 30% Glass fibre

ENVIRONMENTAL CONDITIONS

Protection class (IEC 60529): IP 67
Temperature range: -25°C to +85°C

PACKAGING

1 piece in carton box

Description	Type	Position	Housing	Poles	Code
M8 BOX	Terminal	6	black	3	J08T6B3
M8 BOX	Terminal	8	black	3	J08T8B3
M8 BOX	Terminal	10	black	3	J08T10B3

Electrical Connectors

M8/M12 Distribution Boxes M8 Type with PUR and PVC Cable



DESCRIPTION	CABLE	POSITIONS	HOUSING	POLES	CODE
M8 BOX	PUR/PVC 10 m	6	black	3	J08C6B3P1
M8 BOX	PUR/PVC 10 m	8	black	3	J08C8B3P1
M8 BOX	PUR/PVC 10 m	10	black	3	J08C10B3P1
M8 BOX	PUR/PVC 10 m	12	black	3	J08C12B3P1

DESCRIPTION	CABLE	POSITIONS	HOUSING	POLES	CODE
M8 BOX	PVC/PVC 10 m	6	black	3	J08C6B3V1
M8 BOX	PVC/PVC 10 m	8	black	3	J08C8B3V1
M8 BOX	PVC/PVC 10 m	10	black	3	J08C10B3V1
M8 BOX	PVC/PVC 10 m	12	black	3	J08C12B3V1

M8 TYPE with M12 connection



DESCRIPTION	TYPE	POSITIONS	HOUSING	POLES	CODE
M8 BOX	M12 - 8 POLI/Poles	4	black	3	J08M4B3
M8 BOX	M12 - 8 POLI/Poles	6	black	3	J08M6B3
M8 BOX	M12 - 12 POLI/Poles	8	black	3	J08M8B3-12
M8 BOX	M12 - 12 POLI/Poles	10	black	3	J08M10B3-12
M8 BOX	M12 - 8 POLI/Poles	12	black	3	J08M12B3

Electrical Connectors

M8/M12 Distribution Boxes M12 Type with terminal contacts



PRODUCT DESCRIPTION

M12 distribution boxes

housing colour: black, yellow, orange

Number of poles: 4/5

TECHNICAL DATA

Rated voltage: 10-30V AC/DC

Operating current: 9A total - 2A per contact

contact resistance: $\leq 6\text{m}\Omega$

dimension of pin: 1mm

Max conductors section: 0,75mm²

MATERIALS

Contact material: Phosphorous bronze

Contact surface material: Nickel + 0,45 μm

AU gold plated

Housing material: Nylon 6 + 30% Glass fibre

ENVIRONMENTAL CONDITIONS

Protection class (IEC 60529): IP 67

Temperature range: -25°C to +85°C

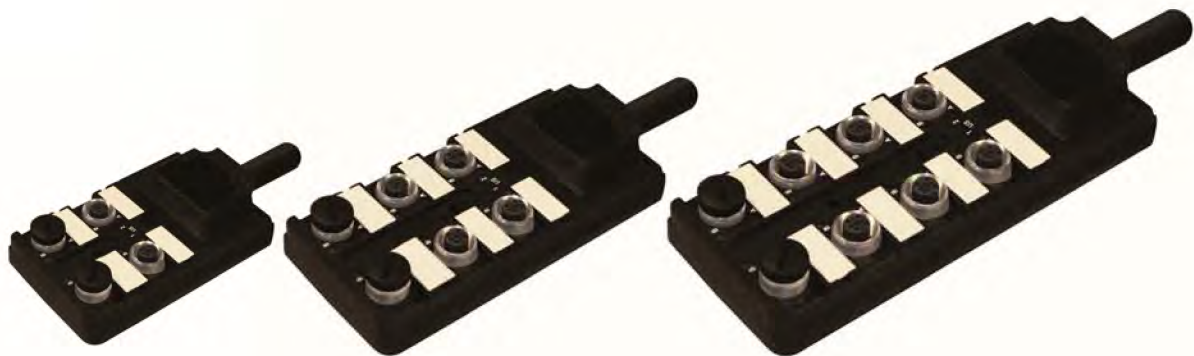
PACKAGING

1 piece in carton box

Description	Type	Position	Housing	Poles	Code
M12 BOX	Terminal	4	black	4	J12T4B4
M12 BOX	Terminal	6	black	4	J12T6B4
M12 BOX	Terminal	8	black	4	J12T8B4-PG13.5
M12 BOX	Terminal	4	black	5	J12T4B5
M12 BOX	Terminal	6	black	5	J12T6B5
M12 BOX	Terminal	8	black	5	J12T8B5-PG13.5

Electrical Connectors

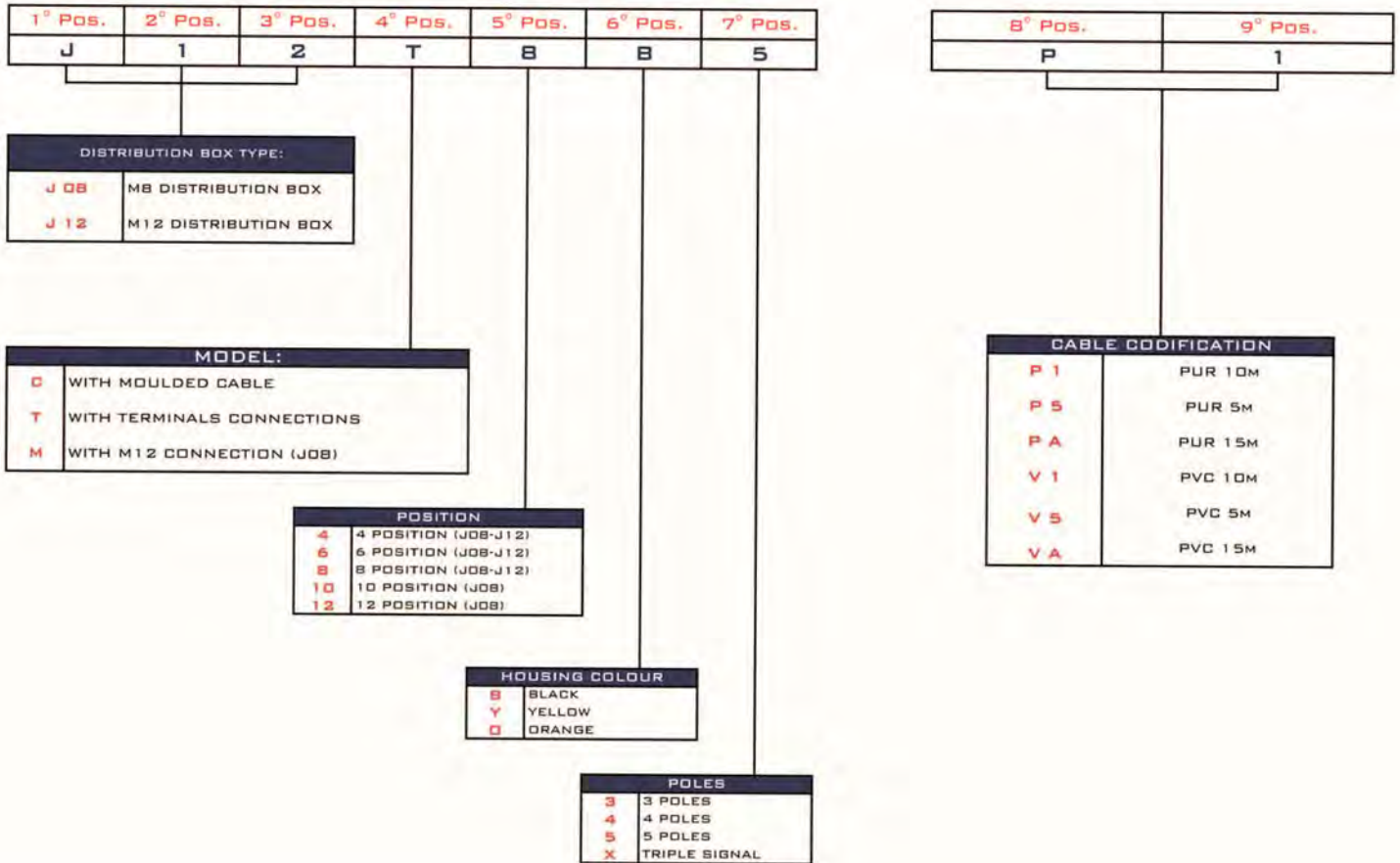
M8/M12 Distribution Boxes M12 Type with PUR and PVC Cable



Description	Type	Positions	Housing	Poles	Code
M12 BOX	PUR/PVC 10 m	4	black	4	J12C4B4P1
M12 BOX	PUR/PVC 10 m	6	black	4	J12C6B4P1
M12 BOX	PUR/PVC 10 m	8	black	4	J12C8B4P1
M12 BOX	PUR/PVC 10 m	4	black	5	J12C4B5P1
M12 BOX	PUR/PVC 10 m	6	black	5	J12C6B5P1
M12 BOX	PUR/PVC 10 m	8	black	5	J12C8B5P1

Description	Type	Positions	Housing	Poles	Code
M12 BOX	PVC/PVC 10 m	4	black	4	J12C4B4V1
M12 BOX	PVC/PVC 10 m	6	black	4	J12C6B4V1
M12 BOX	PVC/PVC 10 m	8	black	4	J12C8B4V1
M12 BOX	PVC/PVC 10 m	4	black	5	J12C4B5V1
M12 BOX	PVC/PVC 10 m	6	black	5	J12C6B5V1
M12 BOX	PVC/PVC 10 m	8	black	5	J12C8B5V1

MB / M12 DISTRIBUTION BOX - PART NUMBER



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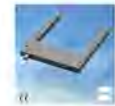
Linear Displacement Transducers



Laser Distance



Intelligent Drives



Photoelectrics



Motion Sensors



Color Detection



Cables, Mounting Hardware and Accessories



IP69K Wash-down Sensors



Safety Light Curtains

SENSEABLE™

Since 1989, TR Electronic North America has become an industry leader in manufacturing and supporting position feedback, drive technology and sensor solutions world-wide. Through its complete line of absolute encoders, linear measurement systems and industrial sensors, TR Electronic is able to deliver exceptional results every time.