



Datasheet JBox1 Remote Junction Box

Part number: FU.RMB.00X

- ↳ 1: LEMO connectors
- 2: BNC connectors

General Description:

Gather up to 10 sensor remote connections in an IP65 Box.
 This product is available for LEMO or BNC connectors. Corresponding cables have to be ordered separately (see Part numbers below).
 BNC connector solution does not provide sensor identification (sensor type and serial number are not recorded in device).



Technical Data:

Maximum number of connectors	10
International Protection rating	IP65
Box material	Plastic (SB)
Dimensions (height x width x depth)	200 x 159 x 112 mm / 7.9 x 6.3 x 4.4 inch
Weight	600 g / 21.2 oz
Operating temperature range	-25 to +60°C / -13 to 140°F
Optional cables:	
- Cables to sensors	FUCABLMPL7MLE7Fxx-2: LEMO7-LEMO7 multipole straight with cable Gland * FUCABLMPL8LE7Fxx-2 : LEMO7 - M8 multipole straight with cable Gland * FUCABLCOLE7BNCxx-3 : LEMO7 - BNC coaxial straight with cable Gland *
- Cables to detector	FUCABLSPL7LE7-3 : LEMO7 - LEMO7 (gray - black) multipole Spiral FUCABLSPL7BNC18: LEMO7 - BNC coaxial spiral

* Cable Length :

When ordering, replace 'xx' by the cable length expressed in decimeters. Example:

- FUCABLMPL7MLE7F50-2: LEMO7 - LEMO7 multipole straight with cable Gland, length 5 m

Avoid cables longer than needed, because of length signal attenuation and noise increase. Examples:

- 15 m Multipole cable : attenuation 2.5 dB, noise level increase +7 dB
- 20 m Coaxial cable : attenuation 1 dB, noise level increase +3 dB

Maximum cable length : 15 meters with LEMO connectors, 20 meters with BNC connectors.

06	BDK 2015-06-25	New SDT Layout; minor changes	GEL
05	TSA 2013-11-29	Changed sensor cables codes: "...xxx-0y" => "...xx-y"	JPD
04	TSA 2013-09-18	Changed 'monitoring box' => 'Junction box JBox1'	
03	TSA 2013-09-17	Add device to box connection cables	
02	TSA 2013-09-06	Add M8->LE7 cable. Replaced xx in m (meters) by xxx in dm in cables length	
01	TSA 2013-08-30	Original version	
Ver.	Editor	Nature of modification	Verified