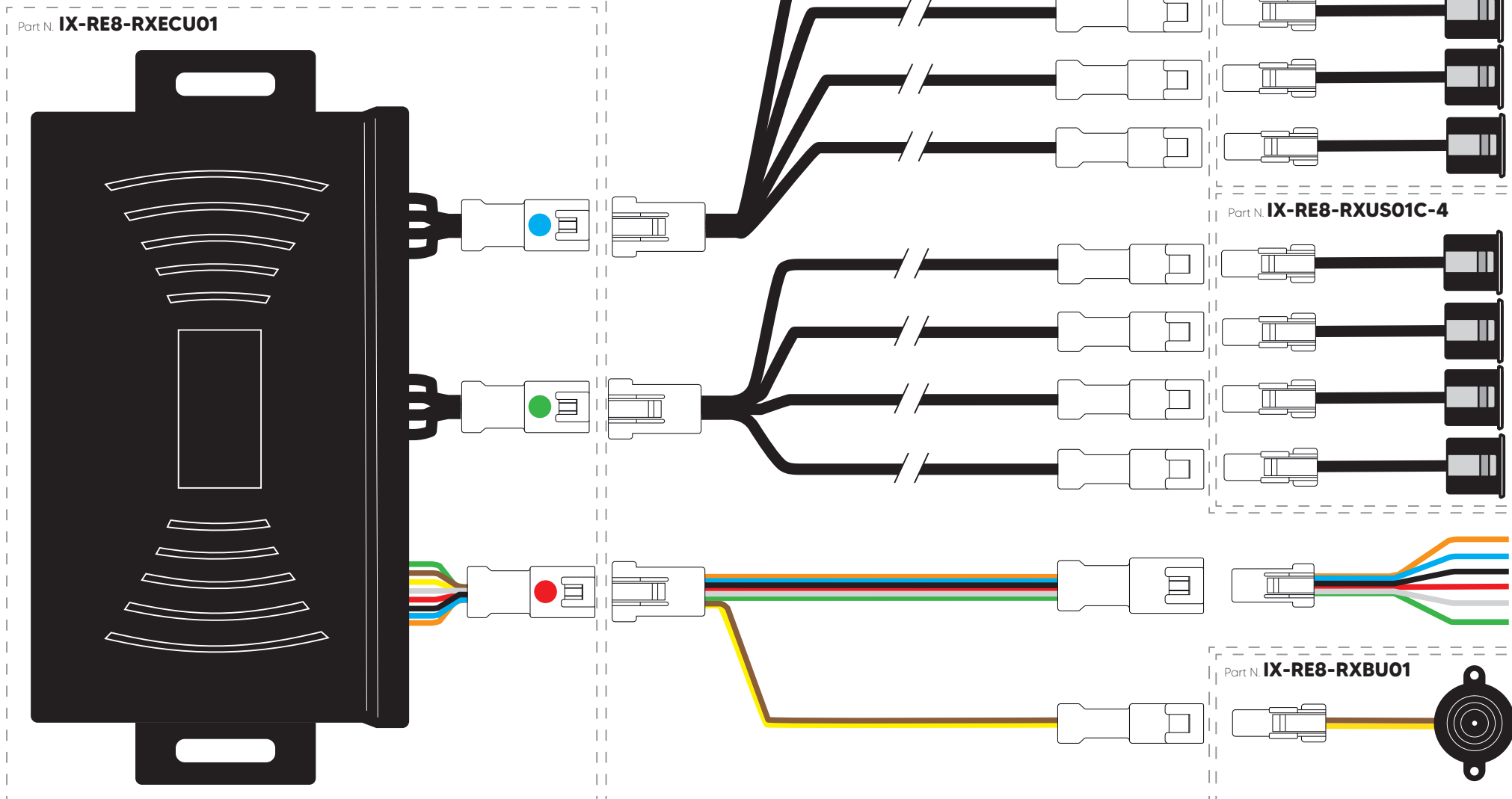


The FRONT & REAR parking sensor complete sensor part N. is **IX-RE8**. This set is divided in different parts as table below



Set N.	Composed of Part N.	Qty	Description
IX-RE8	IX-RE8-RXECU01	1	Electronic Control Unit (ECU) with 3 wirings & connectors log out
	IX-RE8-RXWH01	1	Complete set of wire harnesses 1 * front sensors extension 1 * back sensors extension 1 * power + buzzer 1 * power line 1 500 mm 2 500 mm 500 mm 200 mm
	IX-RE8-RXUS01C-4	2	Set of 4 ultrasonic sensors with metal clips
	IX-RE8-RXBU01	1	Electronic sound buzzer 90 dB



TOLERANCES (except as noted)		UNITS mm	
GRADE	A	B	C
0-10	±0.1	±0.15	±0.3
10-50	±0.15	±0.20	±0.45
50-100	±0.2	±0.25	±0.7
100-	±0.3	±0.35	±0.9
ANGULAR	±1°	±1°	±2°

PART DESCRIPTION.	
1 ECU + 8 US SENSORS + 1 BUZZER + WIRE HARNESSSES	
DATE	REV
2025-09-05	A

SET DESCRIPTION.
IX-RE8 Front & rear Parking Sensor Set description & components



unit

1 BROWN Ground Buzzer
2 YELLOW +12V Buzzer (trigger)

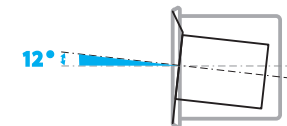
Buzzer sound power 85-90 dB

unit

set of 4 sensors



This ultrasonic sensor features a built-in 12° angle correction, allowing you to manually adjust the detection range up/down or left/right if necessary. The recommended installation in the vehicle bumper is with a 0° rotation (see «side 2 0°»).



Front & rear sensors are same models and performance

It is possible to paint the sensors by applying a light coat of primer and one or two light coats of paint. Overspray may affect signal quality. Do not use metallic paint.



TOLERANCES (except as noted)		UNITS mm	
GRADE	A	B	C
0-10	±0.1	±0.15	±0.3
10-50	±0.15	±0.20	±0.45
50-100	±0.2	±0.25	±0.7
100-	±0.3	±0.35	±0.9
ANGULAR	1°	1°	2°

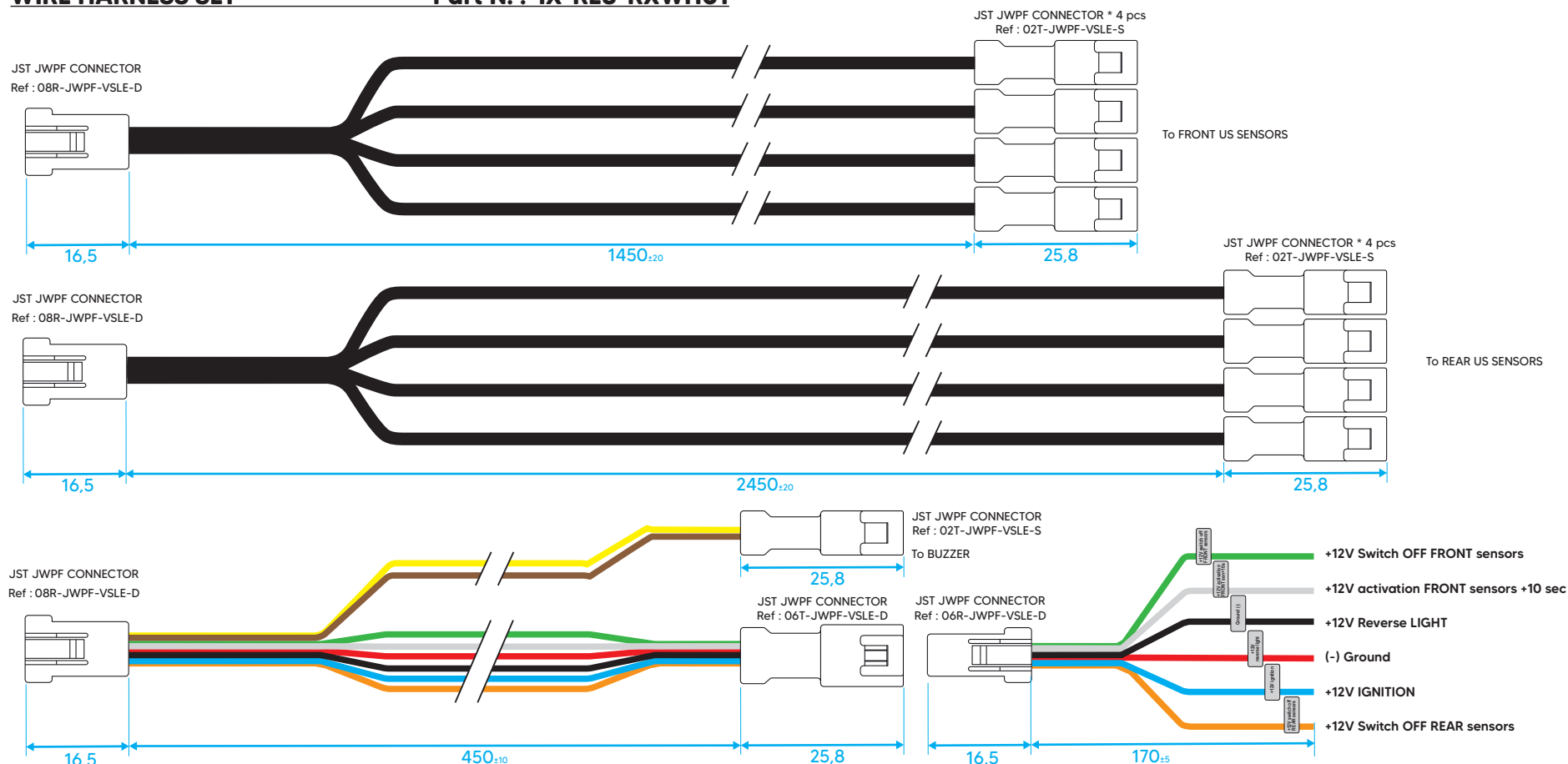
PART DESCRIPTION. BUZZER ULTRASONIC SENSOR	
PART NO. IX-RE8-RXBU01 IX-RE8-RXUS01C IX-RE8-RXUS01C-4	
DATE 2025-09-05	REV A

SET DESCRIPTION.

IX-RE8
Front & rear Parking Sensor
Buzzer
Ultrasonic sensor

WIRE HARNESS SET

Part N. : IX-RE8-RXWH01



Wire color	Label	Input / Output	Trigger / Permanent	Function details	Connection recommendation	Main use	Mandatory / Optional
GREEN	+12V Switch OFF FRONT sensors	Input	Trigger	Front sensors OFF when a +12V is triggering this line	On a separate switch (not provided) to control switch ON-OFF Front sensors On a speed control line (for example FRONT sensors off when over 6km/h)	Allows to switch off false alarm of front sensors when heavy rain or snow	Optional
WHITE	+12V activation FRONT sensors +10 sec	Input	Trigger	FRONT sensors ON when a +12V is triggering this line with a +10 sec. delay in addition after the end of triggering	On the vehicle brake line (+12V)	Allows activation of front sensors when vehicle is braking and 10 seconds after	Optional
RED	+12V Reverse LIGHT	Input	Trigger	FRONT & REAR sensors activated simultaneously when a +12V is triggering this line	On the vehicle reverse light (+12V)	Allows to activate the parking sensors front & rear when vehicle is reversing	Mandatory
BLACK	(-) Ground	Input	Permanent	Power the ground (-) of ECU	On line or on a ground terminal of the vehicle	Power ECU	Mandatory
BLUE	+12V IGNITION	Input	Permanent	Power the +12V of ECU	On the vehicle ignition line	Power ECU when car engine on	Mandatory
ORANGE	+12V Switch OFF REAR sensors	Input	Trigger	REAR sensors OFF when a +12V is triggering this line	On a separate switch (not provided) to control switch ON-OFF Front sensors On a speed control line (for example REAR sensors off when over 6km/h)	Allows to switch off false alarm of rear sensors when a trailer is attached	Optional

This complete set of wire harness is composed of 4 separated parts :

- Front sensors extension line (approximately 1 500 mm)
- Rear sensors extension line (approximately 2 500 mm)
- Power extension line (approximately 500 mm)
- Power line (approximately 185 mm)

The length of wirings and cables can be customized

 	TOLERANCES (except as noted)		UNITS mm		PART DESCRIPTION. COMPLETE SET OF WIRE HARNESSES		SET DESCRIPTION.	
	GRADE	A	B	C	PART NO. IX-RE8-RXWH01		IX-RE8 Front & rear Parking Sensor	
	0-10	±0,1	±0,15	±0,3			Wire harnesses	
	10-50	±0,15	±0,20	±0,45			Page 4/4	
	50-100	±0,2	±0,25	±0,7	DATE 2025-09-05		REV A	
	100-	±0,3	±0,35	±0,9				
	ANGULAR	±1°	±1°	±2°				