



HANDLE "F"

This handle has been designed to be used on our remote controls type RCX. Its ergonomics, the accurate buttons position and dimensions make its use comfortable and restful. It can be supplied with 7 microswitches in different combinations together with a push button for safety.

Type	Description	Dimensions	Configuration
F	Ergonomic handle		

TECHNICAL SPECIFICATIONS

BUTTONS COLOURS	
Type A	red
Type B - C	yellow
Type D - E	green
Type F - G	grey
Type H (push button for safety)	black
MICROSWITCH SPECIFICATIONS	
Direct current load resistive	5 A 30 Vdc
Direct current load inductive	3 A 30 Vdc
TECHNICAL SPECIFICATIONS	
Handle protection	IP 65
Cable section	0,5 mm ²
Useful cable length	700 mm

ORDER EXAMPLE HANDLE "F"

05F - 01R - 2 - WF53

- 1 **FRONT BUTTONS ARRANGEMENT:** _____
- 05F arrangement with 5 front buttons
- 2 **REAR BUTTONS ARRANGEMENT:** _____
- 01R arrangement with 1 rear button
- 3 **HANDLE POSITION (RESPECT TO THE BODY):** _____
- 2 return spring type
- 4 **LEVER ROD CLASSIFICATION:** _____
- WF53 type and length rod lever straight
- WG51 type and length rod lever bent
- WH48 type and length rod lever bent



FRONT BUTTONS ARRANGEMENT		
Code	Drawing	Schema
00F		
01F		
02F		
03F		
04F		
05F		

REAR BUTTONS ARRANGEMENT		
Code	Drawing	Schema
00R		
01R		
02R		
03R		
04R		
05R		



HC-SADR2 SILENT ALERTER DRIVER - HANDLE "F" WITH VIBRATION

SADR2 with vibration (silent alarm) is an ergonomic handle which, via a 'dead man' control, can transmit different frequency vibrations to the operator's hand. The handle can be equipped with up to three microswitches in its front side, while the rear side is always equipped with the 'dead man' control button; the special mechanical control design of the "Dead Man" button is necessary for vibration transmission. In addition to transmitting the required vibration, this button also works as an active button.

APPLICATION FIELD

The vibrating handle can be used to control crane trucks when the crane operator is not in a position to visually supervise the hanging load movement; in this case, the different-frequency vibration conveys to the operator information regarding the load movement and speed when visual or acoustic alarms would not be equally effective.

TECHNICAL SPECIFICATIONS

ELECTRIC	
Operating voltage	19.2 - 28.8 Vdc
Max current consumption (in standby)	80 mA
INPUT	
Input pulse frequency	0 - 65 Hz
Input pulse high level	17 - 28.8 Vdc
OUTPUT	
Alerting frequency	0 - 65 Hz
Max soenoid current (RMS)	800 mA
Protections	Reverse battery, "load-dump"
EM Immunity	30 V/m
MECHANICAL - ENVIRONMENTAL	
Operating temperature	-40 / +85 °C
Connections	Not terminated 3 conductors shielded cable
APPLIED STANDARDS	
EMC - Agricultural and forestry machines	EN 14982
EMC - Earth moving machinery	ISO 13766

ORDER EXAMPLE - "F" HANDLE WITH VIBRATION

The front of the handle can be equipped with up to 3 microswitches.

The order code are: **00F - 01F - 02F - 03F**

The choice of vibration corresponds to the ordering code 06R

02F - 06R - 2 - WF53

1 FRONT BUTTONS ARRANGEMENT: _____

02F arrangement with 2 front buttons

2 REAR BUTTONS ARRANGEMENT: _____

06R arrangement with vibration

3 HANDLE POSITION (RESPECT TO THE BODY): _____

2 handle position

4 LEVER ROD CLASSIFICATION: _____

WF53 type and length rod lever straight

WG51 type and length rod lever bent

WH48 type and length rod lever bent