

Grace Mobile Lone Worker - INTEGRATOR NOTES

MX900-H INTERFACE METHODS

1. **RELAY OUTPUT** – FORM-C, CONTACT CLOSURE FROM MX900H TO HOST MODEM ACTIVATES UPON RECEIVING PANIC ALARM or MOTION ALARM

MX900H



AVL MODEM AUX IN

MESSAGES transmitted from SC500-H - RECEIVED by MX900H

- MOTION ALARM
- PANIC ALARM

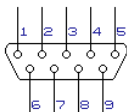
RELAY OUTPUT FROM MX900H TO THE HOST MODEM- Provides **GPS FROM VEHICLE GPS ONLY**

NOT CAPABLE OF RECEIVING GPS FROM SuperCELL® GracePoints® GPS

Used with the SuperCELL® 500 GracePoints® GPS model- this model is capable of transmitting GPS coordinates and requires a telematics provider's special hardware integration.

2. **RS-232 SERIAL CONNECTION** - FROM MX900H TO THE SERIAL INPUT HOST MODEM

MX900H-RS232



AVL MODEM RS232

MESSAGES transmitted from SC500-H - RECEIVED by MX900H

- MOTION ALARM
- PANIC ALARM
- GPS COORDINATES OF WORKER
- LOW BATTERY CONDITION OF SC500H
- GPS SIGNAL STRENGTH
- EVAC RECEIVED/ACKNOWLEDGED
- ROLL CALL REC/ACKNOWLEDGEMENT
- PAR CALL REC/ACKNOWLEDGEMENT

RS232 OUTPUT FROM MX900H TO THE HOST MODEM- **CAPABLE OF GPS FROM GRACE DEVICE**

GRACE OPEN API- RS232 DATA PAYLOAD –TRANSMITS ON CHANGE OF STATE OR REQUEST IN ORDER TO CONSERVE AIRTIME USAGE

RS232 OUTPUT FROM MX900H TO THE HOST MODEM- Provides man-down GPS **FROM SuperCELL® GracePoints® GPS**

