

Symbol Sheet

Dräger PSS® AirBoss Connect

Dräger

Technology for Life



Electronic Control Unit



Accessories



General operation icons

| | | | | | |
|--|--|--|---|--|---|
| | Confirm/Yes | | Menu | | Battery warning Battery level sufficient to proceed with operation, but should be replaced afterwards. - Select ✓ to proceed, or select ⏻ to switch off - Replace batteries before next operational use |
| | Show next item | | Retry | | Battery critical Battery level too low for minimum operational time. ECU will switch off. - Select ⏻ to switch off |
| | Cancel/No | | Shutdown | | Grey button shown on the fault start up screen, if there is pressure detected |
| | Black shutdown button shown during the shutdown countdown on a button press or tally key | | Red shutdown button shown when there is a fault and/or critically low battery | | |

Switch-on procedure

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|--|--|--|---|--|---|
| | Register user ID Read User ID Card | | Register user ID User ID Card detected, but does not contain valid data | | Register user ID User ID Card not detected |
| | Cylinder selection Single cylinder (Used in cylinder selection screen) | | Cylinder selection Twin cylinder (Used in cylinder selection screen) | | Cylinder selection Open the cylinder selection menu |
| | Enable quiet mode Enable quiet mode (A.K.A gas-tight suit mode) | | Leak test Leak test query - „Perform (high pressure) leak test?“ | | Leak test Please open cylinder valve |
| | Leak test Please close cylinder valve | | Leak test Leak test in progress | | Leak test Leak test passed |
| | Leak test Leak test timed out (waiting for user feedback) | | Leak test failed Leak test failed | | Leak test Leak test error (Pressure not stable enough to start leak test) |
| | Leak test Leak test cancelled by user | | Leak test Insufficient pressure for leak test | | |

Alerts

| | | | | | |
|--|---|--|---|--|---|
| | Enable motion sensing & motion alert Motion sensing is enabled | | Enable motion sensing & motion alert Motion sensing is disabled | | Enable motion sensing & motion alert Motion pre-alarm (man-down/ADSU) |
| | Enable motion sensing & motion alert Motion alarm (man-down/ADSU) | | Distress alert Distress alarm, activated by central button | | Thermal exposure alert Thermal exposure alarm threshold reached |
| | Thermal exposure alert Thermal exposure warning, threshold reached | | | | |

Telemetry

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|--|--|--|---|--|--|
| | Telemetry connection No telemetry base (ECB/PC Modem/HUB) detected | | Telemetry connection Logged on telemetry and in range | | Telemetry connection Telemetry error (communication interrupted) |
| | Withdrawal request Withdraw request has been sent | | Withdrawal request Type: Withdrawal Withdrawal has been confirmed by FG App user | | Withdrawal request Withdrawal request. Holding RH button will send a withdrawal request to the FG app user |
| | Evacuation order Evacuation confirmation has been sent | | Telemetry connection Logged on telemetry and out of range | | Telemetry connection Evacuation pending confirmation |
| | | | | | Telemetry connection Telemetry HUB detected but not logged on, not expected in normal use |

Battery

| | | | | | |
|--|--|--|---|--|---|
| | Battery status / option 1 Battery level 100 – 75% | | Battery status / option 2 Battery level sufficient to begin operation | | During charging Two icons are alternating to create a slow flashing effect |
| | Battery status / option 1 Battery level 75 – 50% | | Battery status / option 2 Battery level low. It is sufficient to proceed with operation, but the battery replaced afterwards | | Critical battery threshold , the following icons alternate |
| | Battery status / option 1 Battery level 50 – 25% | | Battery status / option 2 Battery level insufficient. Battery level too low for minimum operational time. ECU will switch off | | Battery charging Battery is fully charged Battery charging is shown |
| | Battery status / option 1 Battery level below 25% | | Battery status / option 2 Battery level insufficient. Battery level too low for minimum operational time. ECU will switch off | | Battery charging Battery level insufficient (Battery level too low to provide the minimum operational time defined by approval standards) |
| | Battery status / option 1 Battery level low. It is sufficient to proceed with operation, but the battery should be replaced afterwards | | Battery alarm Battery level has become critical during operation. ECU will switch off | | Battery charging Rechargeable battery has reported error, unreliable connection to battery charger |
| | Battery status / option 1 Battery level insufficient. Battery level too low for minimum operational time. ECU will switch off | | | | Battery charging Battery type not calibrated or incorrect type of battery inserted |
| | | | | | Battery charging Battery status unknown |

PC Link configuration

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|--|--|--|--|--|--|
| | PC Link Connect to PC Link? | | PC Link Preparing for PC Link connection | | PC Link Ready for PC Link connection |
| | PC Link Connected to PC Link | | PC Link Disconnecting from PC Link | | PC Link PC Link connection timed out due to inactivity |

Turnaround

| | | | | | |
|--|---|--|---|--|---|
| | Mission statement reports Mission state: Standby | | Mission statement reports Mission state: At working location is confirmed | | Mission statement reports Confirm early retreat |
| | Mission statement reports Mission state: Turnaround pressure reached (notification) | | Mission statement reports Mission state: Turnaround pressure reached | | Mission statement reports Confirm arrival at working location |
| | Mission statement reports Mission state: On the way | | | | |