



## Universal Locator NPR-00



Universal electromagnetic locator NPR-00 is a portable device, which is used for searching and determining position of stalled in-line PIGs inside a pipeline as well as for registering of passages of PIGs through marker points. Depending from the selected mode of locator work the registration is made either via measuring changes of weak magnetic fields or via registering signals from 22Hz electromagnetic transmitters installed on a PIG. High performance double digital and analog data processing used in extraction of useful signal and putting down noises. In case a useful signal filtered by NPR locator exceeds some threshold level then operator is informed about it by sound from build-in loudspeaker and also by light indication from LEDs on the front panel. Simultaneously the signal is written in internal nonvolatile memory of the locator. Managing of NPR-00 locator was made intuitively clear and is done using just two buttons on the front panel.

### BASIC TECHNICAL CHARACTERISTICS

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|---|--|
| Received signals                                    | Electromagnetic oscillations with frequency 22 Hz;<br>Changes in magnetic field. |
| Transmitted signal                                  | Coded infrared signal<br>(for remote control of PNT transmitters)                |
| Detection range with PNT transmitters (in air)      | 25 meters  |
| Autonomous work time                                | not less than 240 hours  |
| Ingress protection (according to GOST 14254-96)     | IP67   |
| Explosion protection certification label            | 1ExibIBT3 X  |
| Working temperature                                 | - 40°C to +60°C (-40F to 140F)   |
| Power supply  | 4 batteries LR 6 (AA) with voltage 1.5V  |
| Transportation overall dimensions                   | 80 mm x 120 mm x 315 mm  |
| Weight  | 3.5 kg   |
| Mean time before any failure                        | Not less than 5000 hours   |
| Batteries remaining life indication                 | YES  |
| Automatically adjusted brightness of LED indicators | YES  |
| Number of records in non-volatile memory            | 5  |

Detailed instructions in English with training film on DVD and carrying bag are included in delivery set.

Locators NPR are produced serially according to TU 4276-001-96335610-2008. They comply with the requirements of IEC 60079-0-98 and IEC 60079-11-99 about safety of equipment for use in potentially explosive atmospheres.

They are listed in the Register of technical devices, recommended for use in the fuel and energy complex of the Russian Federation.

The warranty is 12 months.

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