



PRO S05 | Multifunction handheld meter for SICRAM sensors

The Senseca PRO D0x/S05 is a digital multifunctional portable instrument that offers optional data logging for enhanced versatility and durability in daily use. Its clear display ensures easy reading of measurement values. The PRO D0x comes in 1 to 3 port versions, making it compatible with a wide range of DX series digital probes and offering increased flexibility. The firmware is user-upgradeable to ensure future functionality enhancements. The PRO D01 (1-channel DX), PRO D05.2 (2-channel DX), and PRO D05.3 (3-channel DX) models are top-tier, multifunctional professional portable instruments, equipped with a wealth of features. They all prioritise durability, ease of operation, safety, and reliability. The PRO S05 supports 2 SICRAM channels.

The PRO D05.x and PRO S05 models include additional data logging capabilities and a USB-rechargeable battery system. The data logger communicates digitally with the probe, allowing for the use of longer probe cables, up to 10 metres. In addition to CSV files, the free user-friendly basic ProXware PC application software allows for examination of a large amount of logged data.

The PRO DOx and SOx models both include an IP67 waterproof housing with a foldable stand, magnet, extended battery life, and the option to power them via USB-C. They are built for durability and versatility.

Channels:	1 (PRO S05) or 2 (PRO S05.2) DIN45326 8-pole M16 connector for SICRAM probes
Storage capacity:	Up to 1 million data sets, file system based Each data set includes date/time stamp and measurements (of all channels for multi-channel data loggers) Data are stored in CVS files
Logging type:	Automatic with manual or scheduled start/stop
Logging interval:	1, 5, 10, 15, 30 s / 1, 2, 5, 10, 15, 20, 30 min / 1 hour
Measurement rate:	2 meas/s
Clock:	User settable RTC Max. drift 1 min/month @ 25 °C
User interface:	Multilingual (de, en, it, fr, es)
PC connection:	USB C Mass Storage Device
Power supply:	4 x AA NiMH rechargeable External 5 Vdc via USB C (power adapter or PC USB port)
Power consumption:	10 mA typ. (excluding probes)
Battery autonomy:	> 200 h typ. continuous operation (fully charged batteries and backlight off). The effective autonomy depends on the number and type of connected sensors.
Auto power off:	Yes, user configurable Automatically disabled if external power is connected
Operating conditions:	-5...50 °C / 0...85 %RH non-condensing
Storage temperature:	-25...65 °C (without batteries)
Protection degree:	IP 67 (except probe connection) IK 04
Dimensions:	170 x 78 x 38 mm

Weight: 390 g approx.

Housing material: ABS, TPE (side protection), Polyester (front panel)

Article no.	Data logger	Variant	Version	Scope of delivery	Measuring input	Display	Protection type	Alarm function
486656	Up to 1 million data sets, file system based	SENSECA	With data logger, 1 channel	Device in carton box, incl batteries, testprotocol and short manual	1x SICRAM sensor inputs	Graphic display with backlight	IP67	sound & light
486657	Up to 1 million data sets, file system based	SENSECA	With data logger, 2 channel	Device in carton box, incl batteries, testprotocol and short manual	2x SICRAM sensor inputs	Graphic display with backlight	IP67	sound & light