MADE IN GERMANY
KOMPETENZ SEIT 40 JAHREN

Product Group:	**Screen Recorder**
Type:	**RSG 35-xx**
Revision:	04-2025
Order No.:	see catalogue
http://www.weldotherm.com	

Successor of the proven RSG30.
Designed for registering all kind of established input signals.
4, 8 or 12 channels.

Colour graphic display with diagonal size of 5,7“ / 120mm.
Failsafe storing of measured values, date, time, channel identifier etc.

Uses 2MB internal memory and SD-card up to 1GB.
No loss of data if power fails.

Multilingual. Data transmission via Ethernet, USB and RS485 (Option).
Six additional digital inputs.
Six relay outputs.
Very compact construction and short installation depth (160mm).

Incl. software on CD and 1,5m USB- Cable.

Technical Data

Display	5,7” / 144mm, TFT, 640 x 480 pixel
Number of input channels	4, 8 or 12 universal inputs Current: 0…20 mA, 0…5 mA, 4…20 mA, -20…20 mA Voltage: 0…10 V, 0…5 V, ±10 V, ±30 V, ±1 V, ±150 mV RTD: Pt100, Pt500, Pt1000, Cu100, Cu50, Pt50; TC: Type J, K, T, N, L, D, C, B, S, R, A
Accuracy	± 0.1% of measuring range, ± 1K
Sampling rate / resolution	depending on input all Channels in 100ms...1sec / 18bit
Storing rate adjustable	1 second ... 1 hour
Memory	intern 128MB, Optional: SD-Card 1GB Data buffering and RTC buffering with lithium cell (replace after10 years)
Digital Input	6, max. 25Hz, max. 2mA, max. 30V
Output relay	6, max. Contact load: AC 230V/3A, DC 50V/300mA 1 x changeover contact 5 x NO contact for limit value messages (can be configured as NC contact)
Interface	Front- mounted: (standard) 1 x USB-Host, 1 x USB-Function, SD-Card Rear- mounted: (option) RS232 / RS485 and Ethernet
Power consumption	100 to 230VAC (50/60Hz), max.30VA
Ambient temperature range	-10 to 50°C, max. 85% humidity without condensation
Degree of protection	Front panel IP65 / NEMA 4
Dimension (H x W x D) / Weight	144 x 144 x 160 mm / ca.0.7 kg
Language	German, English, Spanish, French, Italian, Dutch, Polish, Russian, Swedish, Czech, Portuguese, Japanese, Chinese

Please choose your preferred language when order!

Subject to be changed.