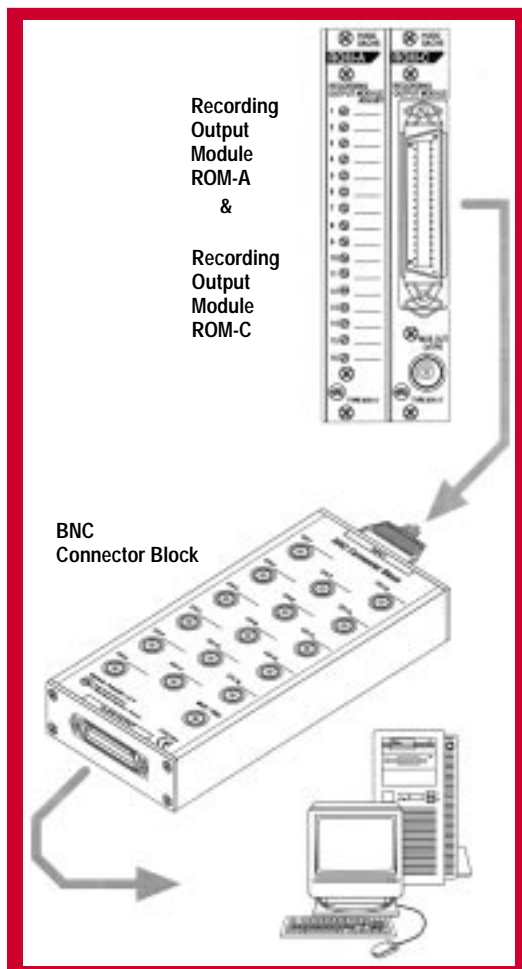


HSE-Harvard Recording Output Standard Set (ROM)

- Central output for all selected output signals of the modules in a PLUGSYS Main Frame
- Reduces the number of connecting wires
- Allows clear connection to any chart recorder or data acquisition system using a customized cable



The Recording Output Standard Set consists of the ROM-A Type 670/1, ROM-C Type 670/7 and BNC Connection Block Type 670/6. This module combination is ideal for connecting a chart recorder or digital data acquisition unit to the PLUGSYS measuring system. The adjustable amplifier module ROM-A buffers all 16 internal analogue lines AV1 to AV16 as well as the MUX output. The ROM-A is internally connected to the central output connector module ROM-C and has to be installed into the PLUGSYS rack from the front. The output connector ROM-C can be installed either in the front or at the rear if there is not sufficient module space on the front.

ROM-A is an attenuator for the internal analogue lines AV1 to AV16 and MUX output. Each channel individually adjustable from 0 to ± 10 Volt for optimum matching with the recording unit.

ROM-C is a central output connector 36 pin ribbon type and additional BNC socket for the MUX output. All outputs have EMI filters to reduce the electromagnetic interference from and to the PLUGSYS measuring system.

BNC Connector Block external box with 17 BNC sockets for the 16 analogue lines AV1 to AV16 and the MUX output with additional EMI filters and ESD protection circuit. The maximal cable length between the PLUGSYS and the BNC connector block is nominal 3 m. As a further combination it is possible to use the slave output of the BNC connector block to connect up an additional evaluation and recording unit.

Specifications

ROM-A Type 670/1

Inputs	Direct from PLUGSYS system bus, all 16 analogue lines AV1 to AV16 and MUX line
Amplitude	Individually adjustable in the range from 0 to ± 10 V
Outputs	Ribbon cable connector for connecting internally the ROM-C
Dimensions, H x W x D	127.5 x 20.2 x 220 mm (5 x 0.8 x 8.7 in)
PLUGSYS Width*	1 slot unit
Weight	80 g (2.8 oz)

ROM-C Type 670/7

Construction	Output module for ROM-A or ROM-DL connected over ribbon cable to ROM-A or DL
Outputs	All AV signals and MUX output centrally through 36-pin ribbon output socket (e.g., CONEC Type CRS 36 LG (301A 10269x)); MUX output is additionally taken to BNC socket
Output Filter	EMC filter for suppressing radiated interference or interference pick-up
Dimensions, H x W x D	127.5 x 20.2 x 65 mm (5 x 0.8 x 2.6 in)
PLUGSYS Width**	1 slot unit
Weight	80 g (2.8 oz)

Accessories	Fixing screws, operating instructions, connecting cable ROM-C to ROM-A or DL
Add-On	One or two ROM-B modules, BNC connector options block

BNC Connector Block, Type 670/6

Construction	Natural anodized aluminium case with 36-pin ribbon input and slave output socket (e.g., CONEC Type CRS 36 LG (301A 10269x)). All PLUGSYS 16 analog outputs AV1 to AV16 and MUX-OUT available for individual connection via BNC sockets
Output Filter	EMC filter for suppressing radiated interference or interference pick-up and ESD protection circuit

Catalog No.	Product
CGS 8433.71	Recording Output Standard Set consisting of ROM-A, ROM-C and BNC Connector Block
CGS 8434.71	Recording Output Module ROM-A
CGS 8435.71	Recording Output Module ROM-C
CGS 8436.71	BNC Connector Block