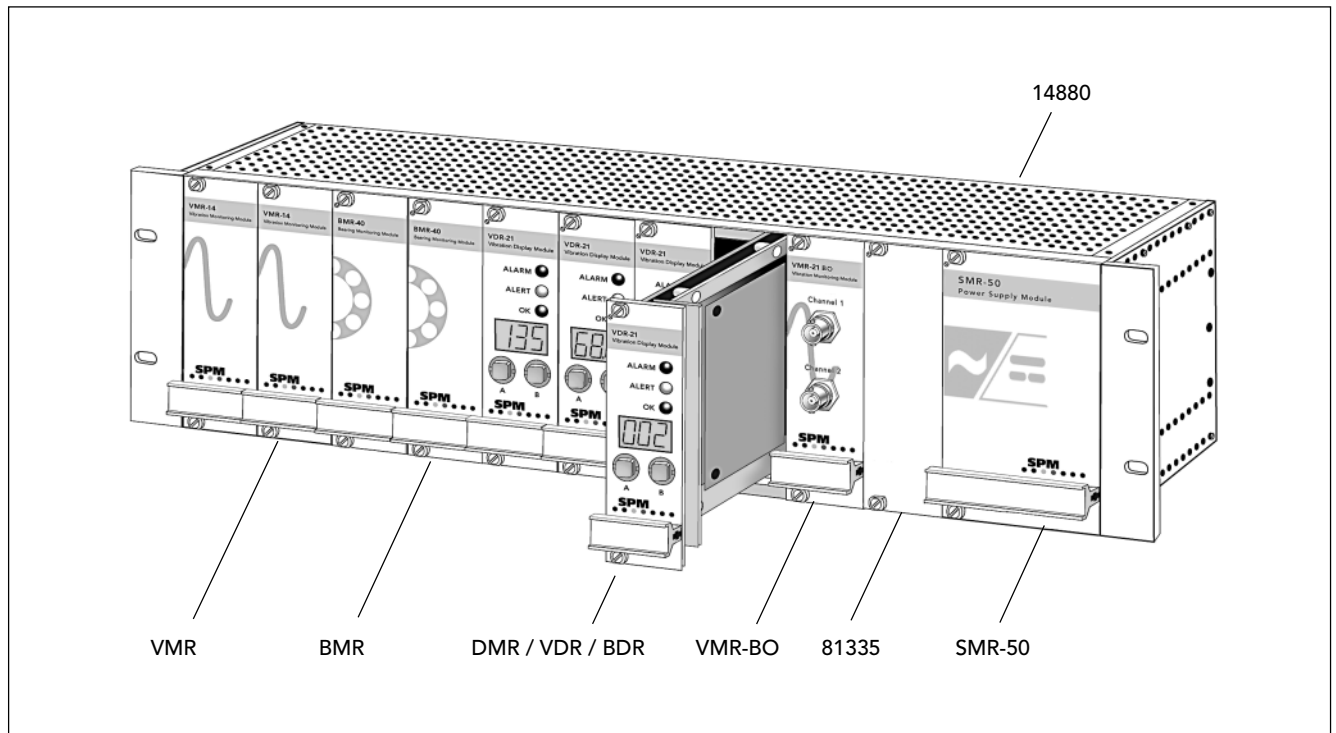


# CMM System - Modules for Rack Mounting



## The CMM System

The CMM system is a permanently installed, continuous condition monitoring system, consisting of transducers, converters, power supply modules, and combined display and control modules.

The transducers measure bearing condition (shock pulse method), vibration severity (ISO 10816), and temperature. The converters, with or without display of measured value, transform the shock pulse and vibration transducer signals into 4 to 20 mA analog signals. The temperature transducer has an output of 4 to 20 mA. The display modules (DMR) have two input channels for 4 to 20 mA, and two relay outputs (24 V / 100 mA).

This line of modules is intended for rack mounting. The 19" subrack holds up to 12 modules (7HP).

## Vibration Monitoring Rack Modules

VMR-14	1 channel, 10-1000 Hz
VMR-15	1 channel, 3 -1000 Hz
VMR-20	2 channels, 10-1000 Hz
VMR-21	2 channels, 3 -1000 Hz
VMR-14 BO	1 channel, 10-1000 Hz, with bypass output
VMR-15 BO	1 channel, 3 -1000 Hz, with bypass output
VMR-20 BO	2 channels, 10-1000 Hz, with bypass output
VMR-21 BO	2 channels, 3 -1000 Hz, with bypass output
VDR-14	1 channel with display, 10-1000 Hz
VDR-15	1 channel with display, 3 -1000 Hz
VDR-20	2 channels with display, 10-1000 Hz
VDR-21	2 channels with display, 3 -1000 Hz

## Bearing Monitoring Rack Modules

BMR-40	2 channels, for transducer 40000 (max. cable length L = 4 m)
BMR-42	2 channels, for transducer 42000 (max. cable length L = 100 m)
BDR-40	2 channels with display, for transducer 40000 (max. cable length L = 4 m)
BDR-42	2 channels with display, for transducer 42000 (max. cable length L = 100 m)

## Display Module for Rack

DMR-14	2 channels, 4-20 mA in, 2 relays (24 V/100 mA)
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## Accessories

14880	19" subrack, 3U high, compl. with cover plates
SMR-50	Power supply module, 115/230 V AC / 24 V DC
81335	Blank panel, 3U x 7HP

## Transducers and cables

TRV-18	Vibration transducer, M8
TRV-19	Vibration transducer, UNF 1/4"
TRX-18	Insulation foot for vibration transducer TRV-18
TRX-19	Insulation foot for vibration transducer TRV-19
40000	Shock pulse transducer
42000	Shock pulse transducer with matching unit
45011-L	Coaxial cable with connectors, temp. range -10° to +70°C (L = length in meters)
45300-L	Coaxial cable with connectors, temp. range -40° to +125° C (L = length in meters)
TMM-10	Temperature transducer, -16° to +120° C
90296-L	Twinned cable for TMM-10, max. 125° C

