

ECLA EUROPEAN CLASSIFICATION

- G08C** **TRANSMISSION SYSTEMS FOR MEASURED VALUES, CONTROL OR SIMILAR SIGNALS** (fluid pressure transmission systems F15B; sensing members for specific physical variables, see the relevant subclasses, e.g. of G01 or H01; indicators or recorders, see the relevant subclasses, e.g. G01D, G09F; mechanical means for transferring the output of a sensing member [G01D5/00](#); means for converting the output of the sensing member into a different variable [G01D5/00](#); self-balancing bridges G01R; position control in general [G05D3/00](#); mechanical control systems G05G; systems for transmitting "on/off" signals only, systems for transmitting alarm conditions G08B; order telegraph systems [G08B9/00](#); generating electric pulses H03K; coding, decoding or code conversion H03M; transmission of digital information H04L; selective calling from one station to another [H04Q9/00](#))
- G08C13/00** **Arrangements for influencing the relationship between signals at input and output, e.g. differentiating, delaying**, (transferring the output of a sensing member to an indicating or recording part not yielding momentary value [G01D1/00](#); systems for control of position involving comparison between actual and desired values [G05D3/00](#); computing [G06](#))
- [G08C13/02](#) . to yield a signal which is a function of two or more signals, e.g. sum, product
- G08C15/00** **Arrangements characterised by the use of multiplexing for the transmission of a plurality of signals over a common path** (multiplex transmission in general [H04J](#))
- [G08C15/02](#) . simultaneously, i.e. using frequency division
- [G08C15/04](#) . . the signals being modulated on carrier frequencies
- [G08C15/06](#) . successively, i.e. using time division
- [G08C15/08](#) . . the signals being represented by amplitude of current or voltage in transmission link
- [G08C15/10](#) . . the signals being represented by frequencies or phase of current or voltage in transmission link
- [G08C15/12](#) . . the signals being represented by pulse characteristics in transmission link
- G08C17/00** **Arrangements for transmitting signals characterised by the use of a wireless electrical link**
- [G08C17/02](#) . using a radio link
- [G08C17/04](#) . using magnetically coupled devices
- [G08C17/06](#) . using capacity coupling
- G08C19/00** **Electric signal transmission systems** ([G08C17/00](#) takes precedence)
- [G08C19/02](#) . in which the signal transmitted is magnitude of current or voltage ([G08C19/36](#), [G08C19/38](#) take precedence)

- G08C19/02B . . [N: using fixed values of magnitude of current or voltage]
- G08C19/04 . . using variable resistance
- G08C19/06 . . using variable inductance
- G08C19/08 . . . differentially influencing two coils
- G08C19/10 . . using variable capacitance

- G08C19/12 . in which the signal transmitted is frequency or phase of ac
- G08C19/14 . . using combination of fixed frequencies

- G08C19/16 . in which transmission is by pulses
- G08C19/18 . . using a variable number of pulses in a train
- G08C19/20 . . . operating on dynamo-electric devices, e.g. step motor
- G08C19/22 . . by varying the duration of individual pulses
- G08C19/24 . . using time shift of pulses
- G08C19/26 . . by varying pulse repetition frequency
- G08C19/28 . . using pulse code

- G08C19/30 . in which transmission is by selection of one or more conductors or channels from a plurality of conductors or channels ([G08C19/38](#) takes precedence)
- G08C19/32 . . of one conductor or channel
- G08C19/34 . . of a combination of conductors or channels

- G08C19/36 . using optical means to convert the input signal ([analogue/digital converters per se H03M1/00](#)); [N: optical analogue digital converters [G02F7/00](#); contains no documents, see [G01D5/26](#)]

- G08C19/38 . using dynamo-electric devices ([operated by pulses G08C19/20](#); [dynamo-electric machines per se H02K](#))
- G08C19/40 . . of which only the rotor or the stator carries a winding to which a signal is applied, e.g. using step motor
- G08C19/42 . . . having three stator poles
- G08C19/44 . . . having more than three stator poles
- G08C19/46 . . of which both rotor and stator carry windings ([having squirrel-cage rotor G08C19/40](#))
- G08C19/48 . . . being the type with a three-phase stator and a rotor fed by constant-frequency ac, e.g. selsyn, mag slip

- G08C21/00** **Systems for transmitting the position of an object with respect to a predetermined reference system, e.g. tele-autographic system** ([converting the pattern of mechanical parameters, e.g. force or presence, into electrical signals G06K11/00](#))

- G08C23/00** **Non-electrical signal transmission systems, e.g. optical systems**
- G08C23/02 . using infrasonic, sonic or ultrasonic waves
- G08C23/04 . using light waves, e.g. infra-red
- G08C23/06 . through light guides, e.g. optical fibres

G08C25/00

Arrangements for preventing or correcting errors; Monitoring arrangements

G08C25/02

- . by signalling back receiving station to transmitting station

G08C25/04

- . by recording transmitted signals