

THE LEVEL CONTROLLERS IN EXPLOSION-PROOF VERSION ARE DESIGNED FOR SIGNALLING OF LIQUID LIMIT LEVELS OR TWO-TERM LIQUID LEVEL CONTROL IN OPEN AND CLOSED PRESSURIZED TANKS, IN EXPLOSION-RISK ATMOSPHERE, CORRESPONDING TO THE CLASS II 1/2G Eexed II BT4. THE CONTROLLERS CAN OPERATE IN AGGRESSIVE LIQUIDS NOT REACTING ON 1H18N9T STEEL.

## TECHNICAL DATA

Parameters	ERH-01-16	ERH-02-16	ERH-03-16	ERH-04-16
Measuring range	10; 20; 30mm	10; 20; 30mm	50...400mm	32...1,350mm
Repeatability	±15%	±15%	±15%	±15%; ±2%
Mass	2 kg	2.2 kg	2.4 kg	3.3 kg
Static pressure of the medium	4 MPa			1.6 MPa
Permissible temperature of the medium	100°C			
Ambient temperature	-25°C...+70°C			
Casing protection degree	IP 66			
Minimum liquid density	0.6 x 10 <sup>-3</sup> kg/cm <sup>3</sup>			

## ELECTRIC PARAMETERS OF MICROSWITCH:

Rated voltage 250V AC, 50Hz AC or 220V DC

Minimum voltage and switching current 10V; 20mA

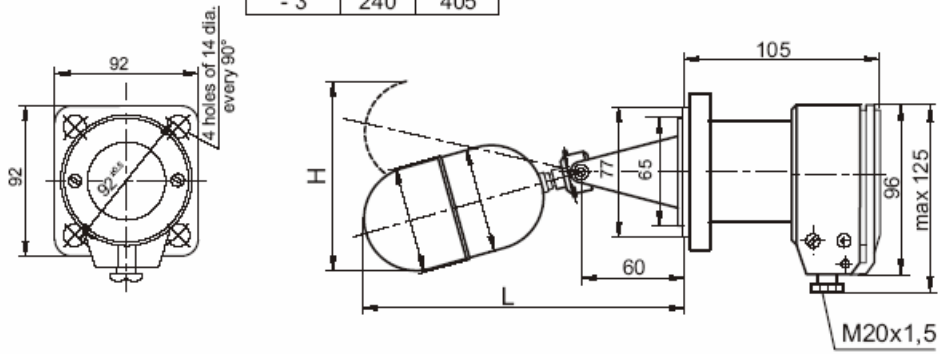
SWITCHING VOLTAGE [V]	DC VOLTAGE		AC VOLTAGE	
	Switching current [A]	Switching durability	Switching current [A]	Switching durability
24	2.5	30 x 10 <sup>3</sup>	X	85 x 10 <sup>3</sup>
110	0.6		2.5	
220	0.4		2.5	

Cross sections of connecting wires - for single-core wires: 1 sq. mm  
 - for multile-core wires: 1 sq. mm

## DIMENSIONED DRAWINGS

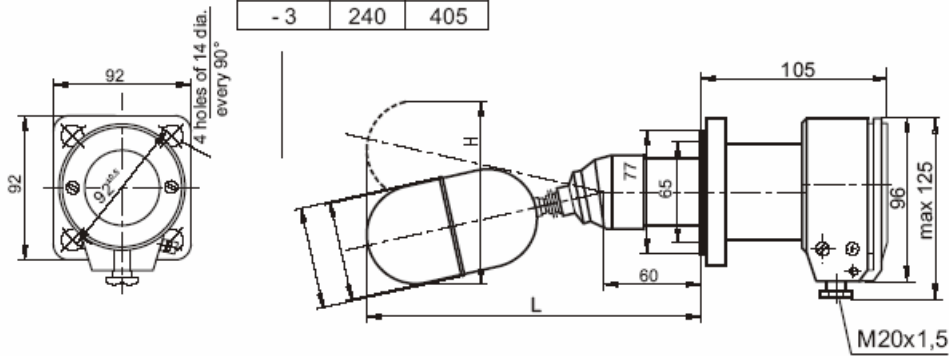
ERH-01-16

CODE	Hmm	Lmm
- 1	140	230
- 2	180	305
- 3	240	405

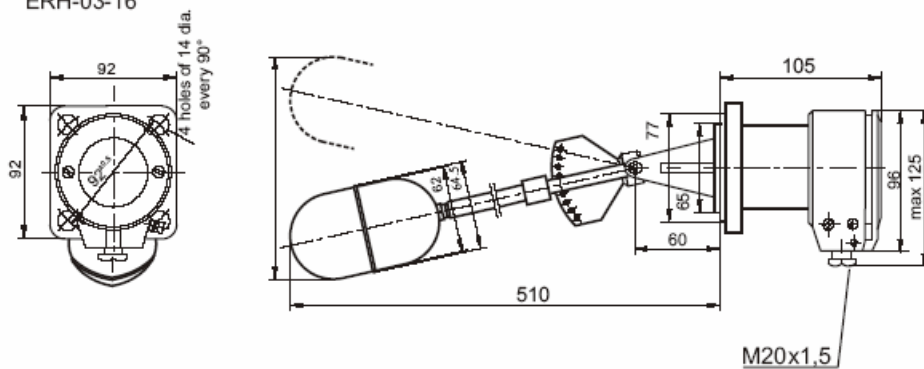


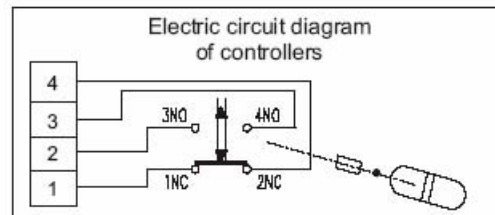
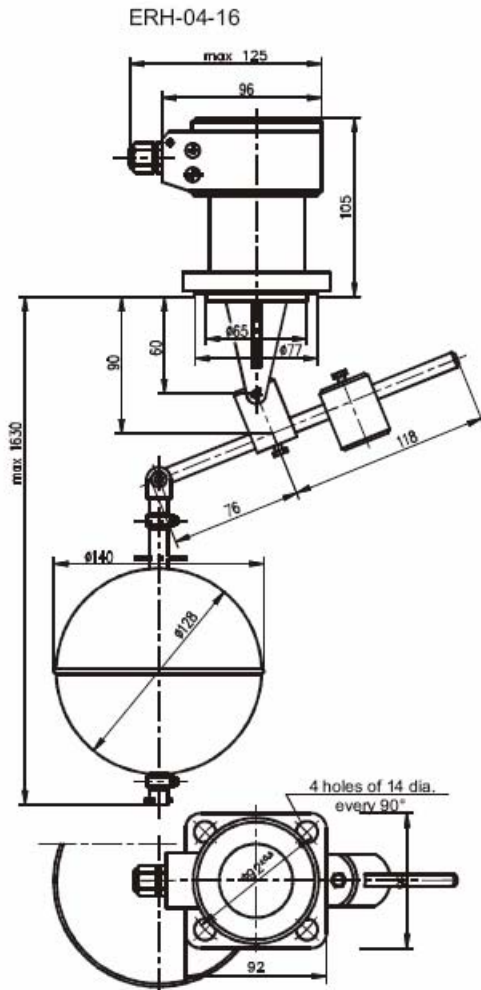
ERH-02-16

CODE	Hmm	Lmm
- 1	140	230
- 2	180	305
- 3	240	405

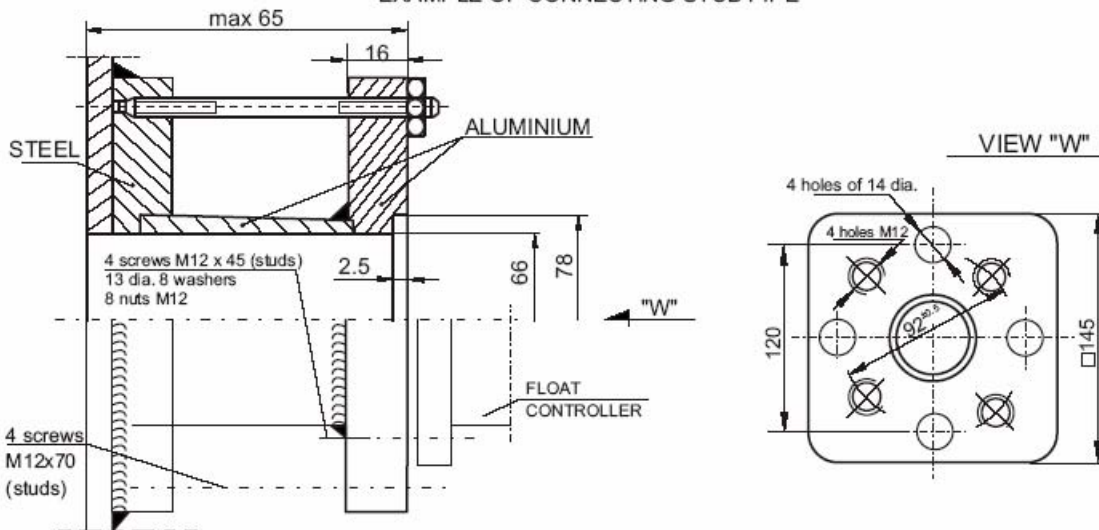


ERH-03-16

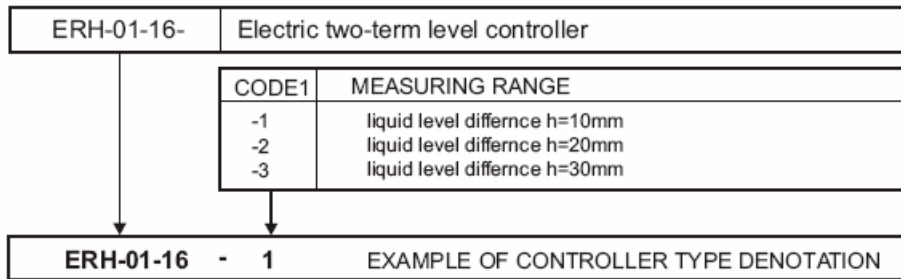




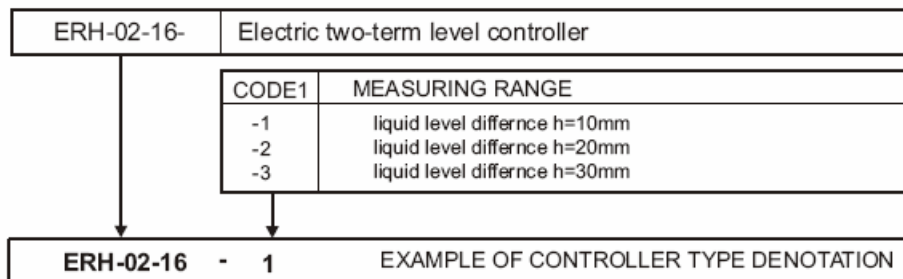
EXAMPLE OF CONNECTING STUB PIPE



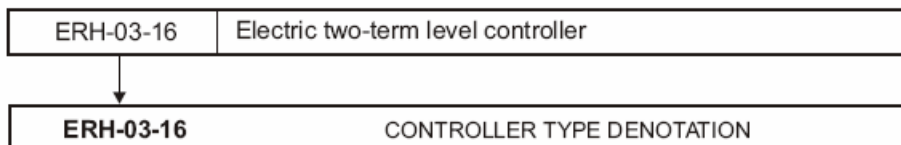
## ORDERING OF ERH-01-16 CONTROLLER



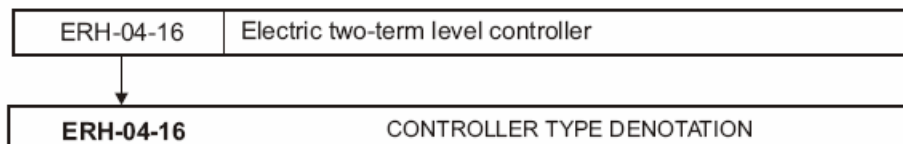
## ORDERING OF ERH-02-16 CONTROLLER



## ORDERING OF ERH-03-16 CONTROLLER



## ORDERING OF ERH-04-16 CONTROLLER



One should place the following data in the order:

- controller type and Product Directory SWW 0918-239,
- kind of controlled medium,
- parameters,
- measuring range.

The right of introducing design changes in the product, without deteriorating of its operation parameters, is reserved.