

ESW[®]-small-Transmitter-30-01

!!! preliminary !!!

operating voltage	24V DC, $\pm 10\%$
current input	10 mA
temperature range	-20°C to +65°C
type of protection	IP 67
case	Aluminium die casting, powdered
case dimensions	50 x 45 x 30 mm (l x w x h)
weight	approx. 250g (without cable)
connection cable	3m data line 4 x 0,34mm ² , shielded jacket material: PUR, min. bending radius: 37,50mm
screw-type conduit fitting	M12x1,5, brass nickel-plated
measurement direction	parallel to the mounting surface in direction of the cable entry
sensor	integrated acceleration-sensor
measured value	Vibration acceleration in mm/s ²
measurement range	+/-16g (16g peak) correspond to 0 - 10V
signal assessment	mean value of the peak values
frequency range	5Hz to 320Hz (-3dB)
type of filter	Butterworth, 40dB/dec
analog output	0V - 10V DC correspond to 0 - 16g peak 1,6g per volt resp. 625 mV/g
output load	min. 10kOhm
cable connection	white +24V supply brown GND supply yellow 0 - 10V DC analog output green GND analog output

options

measuring direction optional X, Y or Z-direction