

MR Sensors | Brain Products GmbH > Solutions

Respiration Belt MR	Technical specifications
Transducer Supply voltage	±5 V Power consumption: < 1 mA
Transducer Output signal	Max. ±4.8 V at signal pin
Transducer Output impedance	560 Ω
Edge frequencies of transducer amplifier	Lower limit frequency (-3 dB) = 0.003 Hz Upper limit frequency (-3 dB) = 8 Hz
Pneumatic sensor	Test pressure: max. 100 mbar
Elastic belt with snap-in buckle	Length: 1.50 m
Weight	Approx. 425 g
Miscellaneous	
Suitable for use in MR scanner room	Yes
Medical device	No
CE Marking	The Brain Products GmbH confirms the electromagnetic compatibility (EMC) of this product according to the Directive 2014/30/ EU of the European Parliament and of the Council of 26 February 2014 on the harmonisation of the laws of the Member States relating to electromagnetic compatibility. The Brain Products GmbH confirms the RoHS compliance of this product according to Directive 2011/65/EU of the European Parliament and the Council of 8 June 2011 on the restriction of the use of certain hazardous substances in electrical and electronic equipment (recast published in the Official Journal of the European Union on 1 July 2011) as well as all its amendments up to and including the Commission delegated directive (EU) 2015/863 of 31 March 2015 (published in the Official Journal of the European Union on 4 June 2015).