













# Technical parameters









## Technical parameters: Smart Marker SM1500

Underground network type	Gas pipeline	Telecom. Cable	Sewage pipeline	Power cable EU	Water pipeline	Power cable US
Working frequency (kHz)	83,0	101,4	121,6	134,0	145,7	169,8
						
Casing material	High Density PS					
Dimensions	Diameter x Height 225 x 28 mm					
Weight	Max. 300 g (0,66 lb)					
ID serial number	YES – 10 digits hexadecimal unique code					
Reading range	Up to 1,7 m (5,57 ft)					
Working temperature	-20 °C +60 °C					
Life time	50 years					







## Technical parameters: MiM Smart Marker 120

Underground network type	Gas pipeline	Telecom. Cable	Sewage pipeline	Power cable EU	Water pipeline	Power cable US
Working frequency (kHz)	83,0	101,4	121,6	134,0	145,7	169,8
						
Casing material	High Density PS					
Dimensions	Diameter x Height 119 x 33 mm					
Weight	Max. 122 g (0,27 lb)					
ID serial number	YES – 10 digits hexadecimal unique code					
Reading range	Up to 1,0 m (3,28 ft)					
Working temperature	-20 °C +60 °C					
Life time	50 years					







### Technical parameters: Marker 2500, Long Marker

Underground network type	Gas pipeline	Telecom. Cable	Sewage pipeline	Power cable EU	Water pipeline	Power cable US
Working frequency (kHz)	83,0	101,4	121,6	134,0	145,7	169,8
						
Casing material	High Density PS					
Dimensions	Diameter x Height 225 x 28 mm					
Weight	Max. 300 g (0,66 lb)					
ID serial number	NO					
Reading range	Up to 1,8 m (5,9 ft), model Long Marker 2,5 m (8,2 ft)					
Working temperature	-20 °C +60 °C					
Life time	50 years					

### Technical parameters: MiM Marker 120 analog

Underground network type	Gas pipeline	Telecom. Cable	Sewage pipeline	Power cable EU	Water pipeline	Power cable US
Working frequency (kHz)	83,0	101,4	121,6	134,0	145,7	169,8
						
Casing material	High Density PS					
Dimensions	Diameter x Height 119 x 33 mm					
Weight	Max. 116 g (0,26 lb)					
ID serial number	NO					
Reading range	Up to 1,4 m (4,59 ft)					
Working temperature	-20 °C +60 °C					
Life time	50 years					

### Technical parameters: Mar 100-3D

Underground network type	Gas pipeline	Telecom. Cable	Sewage pipeline	Power cable EU	Water pipeline	Power cable US
Working frequency (kHz)	83,0	101,4	121,6	134,0	145,7	169,8
						
Casing material	PE					
Dimensions	Diameter 130 mm					
Weight	Max. 210 g (0,46 lb)					
ID serial number	NO					
Reading range	Up to 1,2 m (3,9 ft)					
Working temperature	-20 °C +60 °C					
Life time	50 years					