

Health Device Profile

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Health Device Profile

Data Exchange Specifications

Data Exchange Specification	Document Number	Document Name
0x01	ISO/IEEE 11073-20601	Health informatics – Personal health device communication – Application profile – Optimized exchange protocol
0xXX	All other values reserved	

Device Data Specializations

Data Type	MDEP Data Type(IEEE 11073-10101 Nomenclature Data Type Code)	IEEE 11073 Document Number	IEEE 11073 Document Name
Hydra	0x1000 (4096 decimal)	11073-20601	IEEE 11073 Part 10101: Nomenclature; IEEE 11073-20601: Application profile – Optimized Exchange Protocol
Pulse Oximeter	0x1004 (4100 decimal)	11073-10404	Health informatics - Personal health device communication - Device specialization - Pulse oximeter
Basic ECG (heart rate)	0x1006 (4102 decimal)	11073-10406	Health informatics - Personal health device communication - Device specialization - Basic ECG (heart rate)
Blood Pressure Monitor	0x1007 (4103 decimal)	11073-10407	Health informatics - Personal health device communication - Device specialization - Blood pressure monitor
Body Thermometer	0x1008 (4104 decimal)	11073-10408	Health informatics - Personal health device communication - Device specialization – Body thermometer
Body Weight Scale	0x100F (4111 decimal)	11073-10415	Health informatics - Personal health device communication - Device specialization – Body weight scale
Glucose Meter	0x1011 (4113 decimal)	11073-10417	Health informatics - Personal health device communication - Device Specialization - Glucose meter
International Normalized Ratio (INR) Monitor	0x1012 (4114 decimal)	11073-10418	Health informatics - Personal health device communication - Device Specialization - International Normalized Ratio (INR) Monitor



Data Type	MDEP Data Type(IEEE 11073- IEEE 11073 10101 Nomenclature Data Type Code)	IEEE 11073 Document Number	IEEE 11073 Document Name
Body Composition Analyzer	0x1014 (4116 decimal)	11073-10420	Health informatics - Personal health device communication - Device specialization - Body composition analyzer
Peak Flow Monitor	0x1015 (4117 decimal)	11073-10421	Health informatics - Personal health device communication - Device specialization - Peak flow monitor
Cardiovascular Fitness and Activity Monitor	0x1029 (4137 decimal)[Refer to Note 1 below]	11073-10441	Health informatics - Personal health device communication - Device specialization - Cardiovascular Fitness and Activity Monitor
Generic	0x1049 (4169 decimal)	11073-20601	IEEE 11073 Part 10101: Nomenclature; IEEE 11073-20601: Application profile – Optimized Exchange Protocol
Step Counter based on 10441	0x1068 (4200 decimal)[Refer to Note 2 below]	11073-10441	Health informatics - Personal health device communication - Device specialization – Step Counter based on 10441
Strength Fitness Equipment	0x102A (4138 decimal)[Refer to Note 1 below]	11073-10442	Health informatics - Personal health device communication - Device specialization - Strength fitness equipment
Independent Living Activity Hub	0x1047 (4167 decimal)[Refer to Note 1 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Independent Living Activity Hub
Fall Sensor	0x1075 (4213 decimal)[Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Fall Sensor
Personal Emergency Response Sensor	0x1076 (4214 decimal)[Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Personal Emergency Response Sensor
Smoke Sensor	0x1077 (4215 decimal)[Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Smoke Sensor
Carbon Monoxide (CO) Sensor	0x1078 (4216 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Carbon Monoxide (CO) Sensor



Data Type	MDEP Data Type(IEEE 11073-10101 Nomenclature Data Type Code)	IEEE 11073 Document Number	IEEE 11073 Document Name
Water Sensor	0x1079 (4217 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Water Sensor
Gas Sensor	0x107A (4218 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Gas Sensor
Motion Sensor	0x107B (4219 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Motion Sensor
Property Exit Sensor	0x107C (4220 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Property Exit Sensor
Enuresis Sensor	0x107D (4221 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Enuresis Sensor
Contact Closure Sensor	0x107E (4222 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Contact Closure Sensor
Usage Sensor	0x107F (4223 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Usage Sensor
Switch Sensor	0x1080 (4224 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Switch Sensor
Medication Dosing Sensor	0x1081 (4225 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Medication Dosing Sensor
Temperature Sensor	0x1082 (4226 decimal)Refer to Note 3 below]	11073-10471	Health informatics - Personal health device communication - Device specialization - Temperature Sensor
Medication monitor	0x1048 (4168 decimal)	11073-10472	Health informatics - Personal health device communication - Device specialization - Medication monitor



Data Type	MDEP Data Type(IEEE 11073-10101 Nomenclature Data Type Code)	IEEE 11073 Document Number	IEEE 11073 Document Name
Power Status Monitor	0x101c (decimal 4124)	11073-10427	Health informatics - Personal health device communication - Part 10427: Device specialization - Power Status Monitor of Personal Health Devices

All other values reserved 0XXXXX

Note 1: Only for devices that support all objects.

Note 2: Profiling on top of IEEE 11073-10415 is part of Continua Health Alliance Interoperability Guideline v1.5 or later.

Note 3: Profiling on top of IEEE 11073-10471 is part of Continua Health Alliance Interoperability Guideline v1.5 or later.

