

AION IO-LINK MIOTY ADAPTER - TECHNICAL DATASHEET EN



The AION IO-Link mioty® adapter enables the wireless connection of IO-Link sensors to mioty® networks. It transmits process data reliably and energy-efficiently over long ranges. The adapter acts as a link between industrial IO-Link sensors and mioty® communication without changing the sensor technology. Thanks to its compact and robust design, the AION is ideal for use in harsh industrial environments. With its IP69k rating, it is protected against dust and splash water.

VERSIONS

ARTICLE CODE	FEATURES
S-AION-MIOTY	



GENERAL PROPERTIES

FEATURE	VALUE	UNIT
Dimensions lxbxh	63x24x32	mm
Weight	90	g
Operating temperature	-25 to +60	°C
Maximum operating temperature Device	60	°C
Storage temperature (recommended)	-25 to +60	°C
Rel. humidity during operation	5 to 99	%RH
IP Rating	IP69k	
Suitable for outdoor use	no	
IK Rating	-	
Sensors	-	
Optical display	Yes (LEDs) • Status LED red • Operation LED green	
Acoustic output	No	
Provisioning	-	
Materials	PA , 1.4404 (stainless steel / 316L); brass (2.0401); PBT; FKM; seal: FKM;	
NFC antenna	-	
RF antenna	Integrated	
Accelerometer	-	
Batteries	-	
Primary cell type	-	
Energy supply	External supply	
Housing color	Black	
RF interfaces	mioty®	
Communication interfaces	IO-LINK	

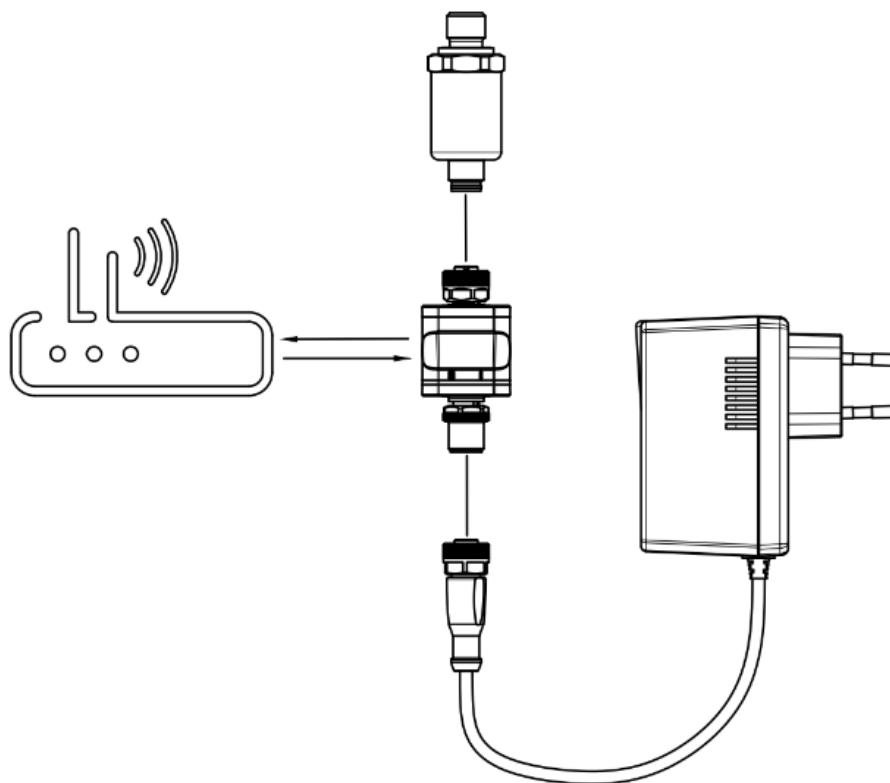
ELECTRICAL DATA

CHARACTERISTIC	WORTH	UNIT
Operating voltage	18 to 30	V DC
Nominal voltage	24	DC
Power consumption	100	mA
Protection class	III	
Reverse polarity protection	Yes	

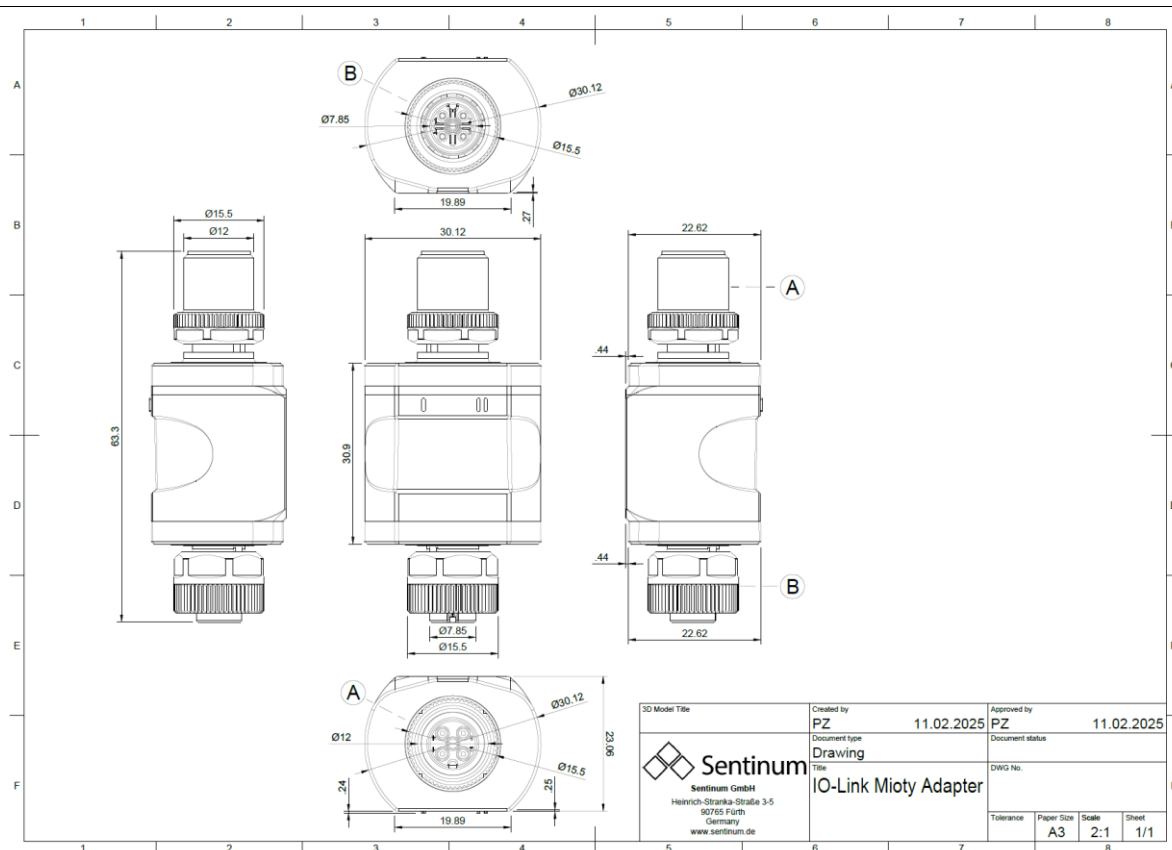
CONNECTIVITY AND RF SPECIFICATION

CHARACTERISTIC	WORTH	UNIT
RF Standards	mioty®	
Frequency mioty® EU	868	MHz
Transmission power mioty® EU	14	dBm
Further communication interfaces	IO-LINK	

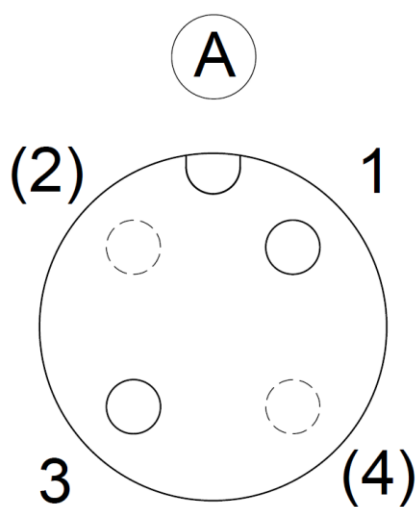
OPERATING MODE



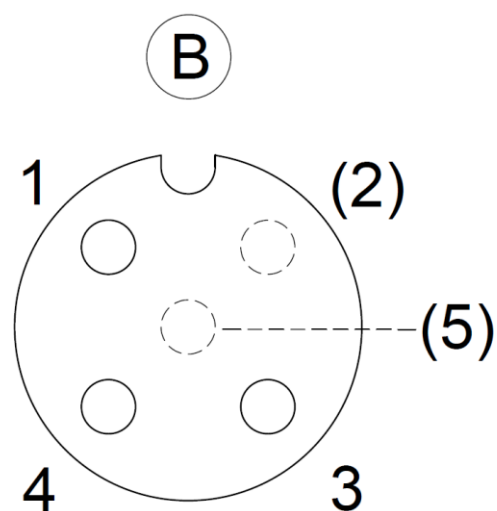
TECHNICAL DRAWING



ELECTRICAL CONNECTIONS



1 = L+
3 = L-



1 = L+
3 = L-
4 = IO-Link