

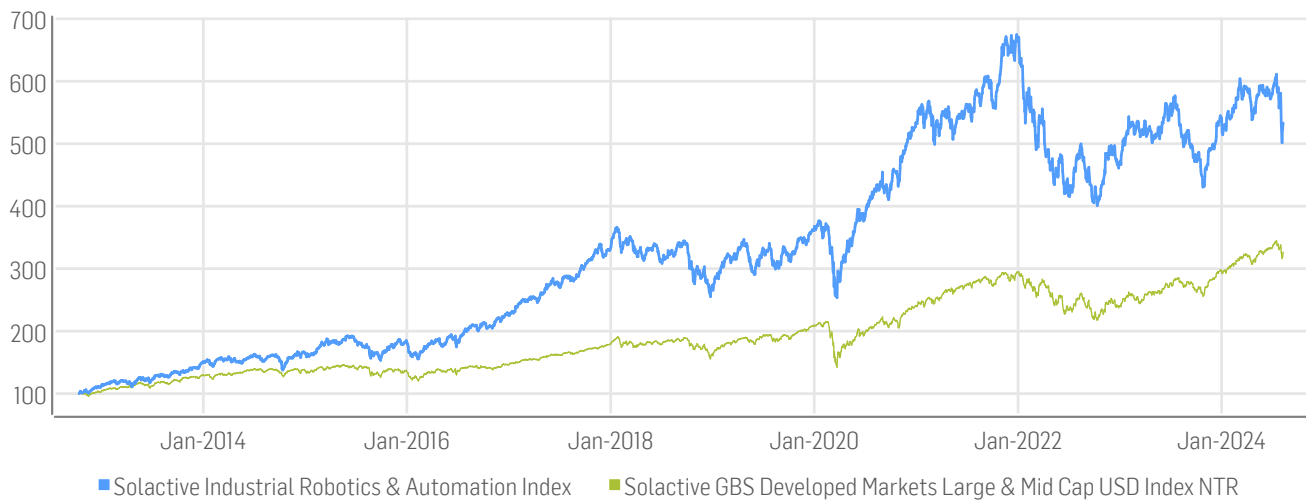
FACTSHEET - AS OF 09-Aug-2024

Solactive Industrial Robotics & Automation Index

DESCRIPTION

The Solactive Industrial Robotics & Automation Index aims to track a portfolio of companies whose products and services are focused on robotics and automatization solutions in an industrial context. It is calculated as a Net Total Return Index in USD.

HISTORICAL PERFORMANCE



CHARACTERISTICS

ISIN / WKN	DE000SLA5DT6 / SLA5DT	Base Value / Base Date	100 Points / 12.10.2012
Bloomberg / Reuters	SOLIROBO Index / .SOLIROBO	Last Price	533.18
Index Calculator	Solactive AG	Dividends	Reinvested (Total Return Index)
Index Type	Net Total Return	Calculation	09:00am to 10:30pm (CET), every 60 seconds
Index Currency	USD	History	Available daily back to 01.02.2018
Index Members	30		

STATISTICS

USD	30D	90D	180D	360D	YTD	Since Inception
Performance	-10.69%	-7.84%	-4.14%	4.41%	-1.50%	433.18%
Performance (p.a.)						15.20%
Volatility (p.a.)	38.25%	25.31%	21.34%	19.50%	20.45%	19.80%
High	611.29	611.29	611.29	611.29	611.29	674.62
Low	501.50	501.50	501.50	430.53	501.50	100.00
Sharpe Ratio*	-2.09	-1.32	-0.64	-0.04	-0.38	0.50
Max. Drawdown	-17.96%	-17.96%	-17.96%	-17.96%	-17.96%	-40.59%
VaR 95 \ 99				-33.6% \ -66.6%		-32.7% \ -56.2%
CVaR 95 \ 99				-48.2% \ -83.2%		-47.8% \ -76.6%

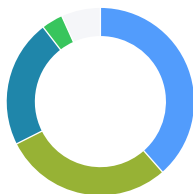
* Up to 31 December 2021, ex-post Sharpe ratios use as input for the risk free rate term the London Inter-Bank Offered rates in the respective currencies of the index and at a term equal to the observation period. From 3 January 2022 onwards, Sharpe ratios will be / are calculated using as reference risk free rate input the overnight replacement rate for these currencies, namely SONIA (for GBP), SOFR (for USD) and EURIBOR Overnight (for EUR).

STATISTICS - GBS - Solactive GBS Developed Markets Large & Mid Cap USD Index NTR

USD	30D	90D	180D	360D	YTD	Since Inception
Performance	-4.60%	1.21%	5.99%	18.69%	9.84%	226.45%
Performance (p.a.)						10.52%
Volatility (p.a.)	18.99%	12.49%	11.30%	10.80%	10.81%	14.20%
High	2164.48	2164.48	2164.48	2164.48	2164.48	2164.48
Low	1985.81	1985.81	1909.92	1606.87	1834.76	603.82
Sharpe Ratio*	-2.58	-0.03	0.64	1.26	1.04	0.37
Max. Drawdown	-8.25%	-8.25%	-8.25%	-8.35%	-8.25%	-33.92%
VaR 95 \ 99				-18.2% \ -28.3%		-20.5% \ -41.8%
CVaR 95 \ 99				-24.8% \ -40.9%		-34.7% \ -62.9%

COMPOSITION BY CURRENCIES

- USD 38.5%
- JPY 29.1%
- EUR 22.0%
- HKD 3.7%
- Others 6.8%



COMPOSITION BY COUNTRIES

- US 32.3%
- JP 29.1%
- FI 11.6%
- KY 9.9%
- Others 17.2%



TOP COMPONENTS AS OF 09-Aug-2024

Company	Ticker	Country	Currency	Index Weight (%)
KONECRANES OYJ	KCR FH Equity	FI	EUR	4.16%
CARGOTEC OYJ CLASS B	CGCBV FH Equity	FI	EUR	3.94%
GEA GROUP AKTIENGESELLSCHAFT	GIA GY Equity	DE	EUR	3.74%
JAPAN STEEL WORKS LTD	5631 JT Equity	JP	JPY	3.74%
ESAB CORP	ESAB UN Equity	US	USD	3.74%
HAITIAN INTERNATIONAL HLDGS	1882 HK Equity	KY	HKD	3.69%
ANDRITZ AG	ANDR AV Equity	AT	EUR	3.62%
HALMA PLC	HLMA LN Equity	GB	GBp	3.52%
DAIFUKU CO LTD	6383 JT Equity	JP	JPY	3.48%
VALMET CORP	VALMT FH Equity	FI	EUR	3.45%
KADANT INC	KAI UN Equity	US	USD	3.44%
MACOM TECHNOLOGY SOLUTIONS HOLDINGS INC	MTSI UW Equity	US	USD	3.40%
CREDO TECHNOLOGY GROUP HOLDING LTD	CRDO UW Equity	KY	USD	3.37%
IMPINJ INC	PI UW Equity	US	USD	3.36%
YOKOGAWA ELECTRIC CORP ORD	6841 JT Equity	JP	JPY	3.29%
KEYENCE CORP ORD	6861 JT Equity	JP	JPY	3.28%
COMET HOLDING AG	COTN SE Equity	CH	CHF	3.23%
TOYOTA INDUSTRIES CORP ORD	6201 JT Equity	JP	JPY	3.20%
SEMTECH CORP	SMTC UW Equity	US	USD	3.19%
AMADA CO LTD	6113 JT Equity	JP	JPY	3.15%
DMG MORI CO LTD	6141 JT Equity	JP	JPY	3.12%
MARVELL TECHNOLOGY INC	MRVL UW Equity	US	USD	3.11%
MICROCHIP TECHNOLOGY INC	MCHP UW Equity	US	USD	3.11%
KION GROUP AG	KGX GY Equity	DE	EUR	3.08%
QUALCOMM INC	QCOM UW Equity	US	USD	3.08%
NVIDIA CORP	NVDA UW Equity	US	USD	3.07%
OKUMA CORP ORD	6103 JT Equity	JP	JPY	3.04%
SILICON MOTION TECHNOLOGY	SIMO UW Equity	KY	USD	2.83%
ADVANCED MICRO DEVICES	AMD UW Equity	US	USD	2.80%
RENESAS ELECTRONICS CORP	6723 JT Equity	JP	JPY	2.78%

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