(CDAX, Technology, DAM GR)



Hold EUR 59.00	(EUR 62.00)	Value Indicators: DCF:		Warburg ESG Risk Score: ESG Score (MSCI based): Balance Sheet Score: Market Liquidity Score:	2.7 3.0 5.0 0.0	Description: Producer and Distributor of d for special applications in the industry.	
		Market Snapshot:	EUR m	Shareholders:		Key Figures (WRe):	2022e
		Market cap:	201.0	Freefloat	30.80 %	Beta:	1.4
Price	EUR 57.00	No. of shares (m):	3.5	Arrow Electronics	69.20 %	Price / Book:	1.6 x
Upside	3.5 %	EV:	207.4			Equity Ratio:	61 %
		Freefloat MC:	61.9			Net Fin. Debt / EBITDA:	0.2 x
		Ø Trad. Vol. (30d):	22.45 th			Net Debt / EBITDA:	0.3 x

Strong Q1 as conservative inventory strategy pays off

Stated Figure	es Q1/2	022:						Comment on Figures:
Figures in EUR m	Q1/22	Q1/22e	Q1/21	уоу	2022e	2021	уоу	• On May 10, 2022, Data Modul AG presented the figures for
Sales	63,3	55,0	48,0	31,7%	235,0	194,8	20,7%	 quarter. The significant business recovery was mainly due to the lifting of
EBIT	4,2	3,1	3,1	36,7%	15,7	12,7	23,9%	restrictions while the Russian aggression in Ukraine has not yet
margin	6.6%	5,6%	6,4%		6,7%	6,5%		negative impact on the data.

The strong turnover of the first quarter catches the eye. In addition to the lifting of pandemic restrictions, the company is benefiting from its long-standing conservative inventory policy. The company started to build up inventories very early with a tendency to store for longer, increasing from four to five months of storage to sometimes up to 12 months, which strengthened its ability to deliver and is likely to have had a direct positive effect on Q1 sales, also considering that not all competitors were able to deliver. The high turnover was reflected in good results.

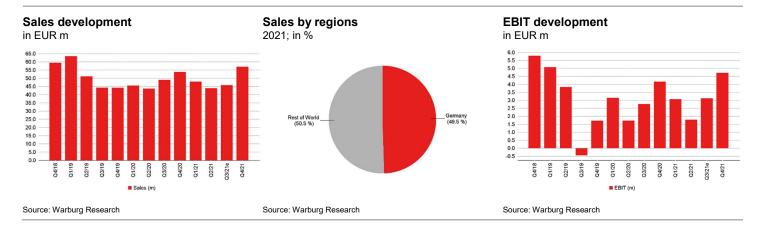
The group's efforts to continuously optimize costs are visible in the bottom line. The 8.9% growth in incoming orders from EUR 63.0m to 68.6m lays a solid foundation for medium-term development. There are uncertainties, however. Even if Data Modul's production in China is up and running again, further lockdowns and associated production stoppages cannot be ruled out. The partial closure of China's large ports remains particularly problematic as this regularly impairs the ability of the entire industry to deliver. Russia's war in Ukraine also remains a source of uncertainty while the question of passing on inflation to end-customers is also a critical factor.

The current circumstances also offer a special opportunity for Data Modul. Thanks to its cautious inventory policy, its ability to deliver stands out in the competitive landscape while the high inventories defuse inflationary issues on the cost side. Based on slightly increased forecasts, the share continues to be rated **Hold with a price target of EUR 59** (62, model adjustments see below).

Changes in E	stimates:						Comment on Changes:
FY End: 31.12. in EUR m	2022e (old)	+ / -	2023e (old)	+ / -	2024e (old)	+ / -	 The business figures presented provide the basis for an increase forecast for the current and the coming years.
Sales EBIT EPS	212.3 15.1 2.68	10.7 % 4.5 % 4.9 %	227.2 16.1 2.86	5.7 % 4.2 % 4.5 %	243.1 17.3 3.06	5.7 % 4.2 % 4.6 %	 However, the general adjustment of the risk-free interest rate by in the entire Warburg coverage universe leads to a reduction in the target despite an increase in the forecasts.

67.5 -		FY End: 31.12. in EUR m	CAGR (21-24e)	2018	2019	2020	2021	2022e	2023e	2024e
65 - / hall			9.7 %							
62.5 - N MUN		Sales	9.7 %	241.4 10.6 %	203.3 -15.8 %	192.2 -5.5 %	194.8 1.3 %	235.0 20.7 %	240.0 2.1 %	256.8 7.0 %
60 - 57.5 - Marman 441	moren	Change Sales yoy								
55 -	N	Gross profit margin	0.4.0/	22.3 %	21.6 %	21.7 %	21.8 %	22.5 %	22.8 %	22.8 %
2.5 - N		EBITDA	9.1 %	23.4	15.6	17.8	18.6	21.7	22.9	24.1
50 Donal many many many many		Margin	10.0.0/	9.7 %	7.7 %	9.2 %	9.5 %	9.2 %	9.5 %	9.4 %
7.5 - 45 -	۸.	EBIT	12.3 %	20.8	10.2	11.8	12.7	15.7	16.8	18.0
2.5 -	1 run	Margin	10 7 0/	8.6 %	5.0 %	6.2 %	6.5 %	6.7 %	7.0 %	7.0 %
40 -	A Straight	Net income	12.7 %	14.3	6.5	7.6	7.9	9.9	10.6	11.3
07/21 09/21 11/21 01/22	03/22 05/22	EPS	12.6 %	4.05	1.85	2.14	2.24	2.81	2.99	3.20
Data Modul CDAX (normalis-		EPS adj.	12.6 %	4.05	1.85	2.14	2.24	2.81	2.99	3.20
- Data Modul - CDAX (normalise	30)	DPS	0.0 %	0.12	0.12	0.12	0.12	0.12	0.12	0.12
Rel. Performance vs CDAX		Dividend Yield		0.2 %	0.2 %	0.3 %	0.2 %	0.2 %	0.2 %	0.2 %
		FCFPS		1.45	0.99	2.08	-5.31	-2.76	2.21	0.84
month:	2.7 %	FCF / Market cap		2.1 %	1.6 %	4.7 %	-9.8 %	-4.8 %	3.9 %	1.5 %
months:	5.9 %	EV / Sales		0.9 x	1.0 x	0.7 x	1.0 x	0.9 x	0.8 x	0.8 x
/ear to date:	4.7 %	EV / EBITDA		9.6 x	12.5 x	7.4 x	10.1 x	9.6 x	8.7 x	8.2 x
railing 12 months:	35.3 %	EV / EBIT		10.7 x	19.2 x	11.1 x	14.8 x	13.2 x	11.9 x	11.0 x
5		P/E		17.0 x	33.1 x	20.6 x	24.3 x	20.3 x	19.1 x	17.8 x
company events:		P / E adj.		17.0 x	33.1 x	20.6 x	24.3 x	20.3 x	19.1 x	17.8 x
		FCF Potential Yield		5.1 %	1.4 %	3.4 %	4.5 %	5.8 %	6.4 %	6.9 %
		Net Debt		-19.2	-20.7	-25.1	-3.7	6.4	-1.0	-3.5
		ROCE (NOPAT)		20.5 %	9.0 %	10.1 %	9.3 %	9.1 %	8.8 %	9.0 %
		Guidance: r	1.a.							



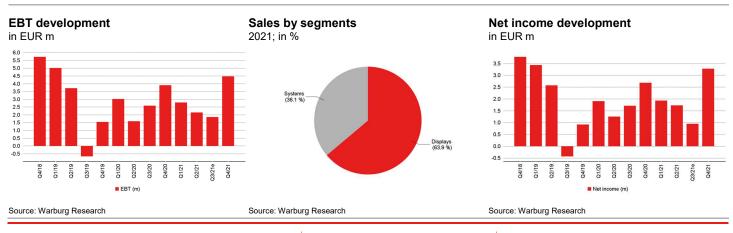


Company Background

- Display solutions for OEMs. With its own products, Data Modul forms the value-added connection between panel producers (LG, Sharp, Samsung etc.) and customers. Trade products complete the offering.
- Displays segment: distribution of standard and added-value products (e.g. additional equipping of the displays with PC components and software).
- In the Systems segment, Data Modul mainly develops and sells its own products and customer-specific solutions. This includes e.g. special monitors for marine navigation or medical technology.
- Increasingly important areas of business growth are embedded computer solutions and touch solutions.

Competitive Quality

- Europe's largest display distributor.
- Focus on niche markets that are too small to be directly served by large display manufacturers, which leads to comparatively low competitive intensity.
- Strong customer loyalty with in-house design (Design-In) of customers' products.
- Earlier access to new technologies through the Distribution business.
- Expertise built up over 40 years.





DCF model														
	Detaile	d forecas	t period				٦	ransition	al period					Term. Value
Figures in EUR m	2022e	2023e	2024e	2025e	2026e	2027e	2028e	2029e	2030e	2031e	2032e	2033e	2034e	
Sales	212.3	216.8	232.0	248.2	265.6	281.6	295.6	310.4	325.9	342.2	359.3	377.3	388.6	
Sales change	9.0 %	2.1 %	7.0 %	7.0 %	7.0 %	6.0 %	5.0 %	5.0 %	5.0 %	5.0 %	5.0 %	5.0 %	3.0 %	2.0 %
EBIT	15.7	16.8	18.0	19.9	22.6	23.9	25.1	26.4	27.7	29.1	30.5	32.1	33.0	
EBIT-margin	7.4 %	7.7 %	7.7 %	8.0 %	8.5 %	8.5 %	8.5 %	8.5 %	8.5 %	8.5 %	8.5 %	8.5 %	8.5 %	
Tax rate (EBT)	30.5 %	31.0 %	31.5 %	31.5 %	31.5 %	31.5 %	31.5 %	31.5 %	31.5 %	31.5 %	31.5 %	31.5 %	31.5 %	
NOPAT	10.9	11.6	12.3	13.6	15.5	16.4	17.2	18.1	19.0	19.9	20.9	22.0	22.6	
Depreciation	6.0	6.1	6.2	9.9	10.6	11.3	11.8	12.4	13.0	13.7	14.4	15.1	15.5	
in % of Sales	2.8 %	2.8 %	2.7 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	
Changes in provisions	0.0	0.0	0.0	-0.2	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	0.1	
Change in Liquidity from														
- Working Capital	19.2	2.5	8.2	-10.7	2.7	1.4	0.0	-0.3	-0.6	-1.0	-1.4	-1.8	-4.4	
- Capex	7.0	7.0	7.0	9.9	10.6	11.3	11.8	12.4	13.0	13.7	14.4	15.1	15.5	
Capex in % of Sales	3.3 %	3.2 %	3.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	4.0 %	
- Other	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	
Free Cash Flow (WACC Model)	-9.3	8.2	3.3	24.1	12.9	15.1	17.3	18.4	19.7	21.0	22.4	23.9	27.1	21
PV of FCF	-8.9	7.2	2.6	17.8	8.7	9.4	9.8	9.6	9.4	9.2	9.0	8.8	9.2	101
share of PVs		0.43 %						49.83	3 %					49.73 %
Model parameter							Valuat	ion (m)						
Derivation of WACC:			Derivation	of Beta:			Presen	t values 20)34e	10)2			
								al Value		10				
Debt ratio	5.00 %		Financial S	•		1.35		al liabilitie		1	5			
Cost of debt (after tax)	1.7 %		Liquidity (s	hare)		1.35		n liabilities			1			
Market return	7.50 %		Cyclicality			1.35	Hybrid	•			0			
Risk free rate	2.00 %		Transparer Others	icy		1.35 1.35		y interest	ootmonto		0 0			
			Oulers			1.55	Liquidit	val. of inv	connenits		20	No. of sha	res (m)	3.5
WACC	9.04 %		Beta			1.35	Equity	,		20		Value per		
Sensitivity Value per Sh	nare (EUR))												

		Terminal C	Growth								Delta EBIT	-margin					
Beta	WACC	1.25 %	1.50 %	1.75 %	2.00 %	2.25 %	2.50 %	2.75 %	Beta	WACC	-1.5 pp	-1 .0 pp	-0.5 pp	+0.0 pp	+0.5 pp	+1.0 pp	+1.5 pp
1.54	10.0 %	48.44	49.04	49.67	50.35	51.06	51.83	52.64	1.54	10.0 %	40.00	43.45	46.90	50.35	53.80	57.25	60.70
1.45	9.5 %	51.89	52.61	53.36	54.17	55.04	55.96	56.96	1.45	9.5 %	43.10	46.79	50.48	54.17	57.86	61.55	65.25
1.40	9.3 %	53.78	54.56	55.39	56.28	57.24	58.26	59.36	1.40	9.3 %	44.81	48.64	52.46	56.28	60.11	63.93	67.76
1.35	9.0 %	55.79	56.65	57.56	58.54	59.60	60.73	61.95	1.35	9.0 %	46.64	50.61	54.58	58.54	62.51	66.48	70.45
1.30	8.8 %	57.94	58.88	59.89	60.97	62.14	63.40	64.76	1.30	8.8 %	48.61	52.73	56.85	60.97	65.09	69.21	73.34
1.25	8.5 %	60.24	61.27	62.39	63.59	64.88	66.29	67.81	1.25	8.5 %	50.73	55.02	59.30	63.59	67.87	72.16	76.45
1.16	8.0 %	65.34	66.61	67.98	69.47	71.08	72.84	74.77	1.16	8.0 %	55.49	60.15	64.81	69.47	74.13	78.79	83.45

• Revenue is expected to grow based on the continuous expansion in the use of display technology.



Valuation							
	2018	2019	2020	2021	2022e	2023e	2024e
Price / Book	2.6 x	2.2 x	1.5 x	1.7 x	1.6 x	1.5 x	1.4 x
Book value per share ex intangibles	25.09	22.62	23.35	25.06	28.23	31.57	35.13
EV / Sales	0.9 x	1.0 x	0.7 x	1.0 x	0.9 x	0.8 x	0.8 x
EV / EBITDA	9.6 x	12.5 x	7.4 x	10.1 x	9.6 x	8.7 x	8.2 x
EV / EBIT	10.7 x	19.2 x	11.1 x	14.8 x	13.2 x	11.9 x	11.0 x
EV / EBIT adj.*	10.7 x	19.2 x	11.1 x	14.8 x	13.2 x	11.9 x	11.0 x
P / FCF	47.5 x	62.1 x	21.2 x	n.a.	n.a.	25.7 x	68.0 x
P/E	17.0 x	33.1 x	20.6 x	24.3 x	20.3 x	19.1 x	17.8 x
P / E adj.*	17.0 x	33.1 x	20.6 x	24.3 x	20.3 x	19.1 x	17.8 x
Dividend Yield	0.2 %	0.2 %	0.3 %	0.2 %	0.2 %	0.2 %	0.2 %
FCF Potential Yield (on market EV)	5.1 %	1.4 %	3.4 %	4.5 %	5.8 %	6.4 %	6.9 %
*Adjustments made for: -							

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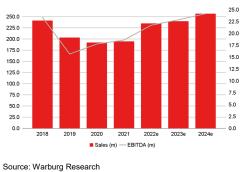
Consolidated profit and loss

In EUR m	2018	2019	2020	2021	2022e	2023e	2024e
Sales	241.4	203.3	192.2	194.8	235.0	240.0	256.8
Change Sales yoy	10.6 %	-15.8 %	-5.5 %	1.3 %	20.7 %	2.1 %	7.0 %
COGS	187.6	159.4	150.4	152.4	182.1	185.3	198.2
Gross profit	53.8	43.9	41.8	42.4	52.9	54.7	58.6
Gross margin	22.3 %	21.6 %	21.7 %	21.8 %	22.5 %	22.8 %	22.8 %
Research and development	5.4	4.9	5.5	5.7	7.1	7.2	7.7
Sales and marketing	27.6	28.8	24.6	25.0	30.1	30.7	32.9
Administration expenses	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other operating expenses	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other operating income	0.0	0.0	0.1	1.0	0.0	0.0	0.0
Unfrequent items	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBITDA	23.4	15.6	17.8	18.6	21.7	22.9	24.1
Margin	9.7 %	7.7 %	9.2 %	9.5 %	9.2 %	9.5 %	9.4 %
Depreciation of fixed assets	1.7	1.2	1.2	1.2	1.3	1.4	1.5
EBITA	21.7	14.4	16.6	17.4	20.4	21.5	22.6
Amortisation of intangible assets	0.9	4.3	4.7	4.7	4.7	4.7	4.7
Goodwill amortisation	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBIT	20.8	10.2	11.8	12.7	15.7	16.8	18.0
Margin	8.6 %	5.0 %	6.2 %	6.5 %	6.7 %	7.0 %	7.0 %
EBIT adj.	20.8	10.2	11.8	12.7	15.7	16.8	18.0
Interest income	0.0	0.0	2.3	0.0	0.0	0.0	0.0
Interest expenses	0.1	0.6	3.0	1.4	1.5	1.5	1.5
Other financial income (loss)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
EBT	20.7	9.6	11.1	11.3	14.2	15.3	16.5
Margin	8.6 %	4.7 %	5.8 %	5.8 %	6.1 %	6.4 %	6.4 %
Total taxes	6.5	3.1	3.6	3.4	4.3	4.7	5.2
Net income from continuing operations	14.3	6.5	7.6	7.9	9.9	10.6	11.3
Income from discontinued operations (net of tax)	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income before minorities	14.3	6.5	7.6	7.9	9.9	10.6	11.3
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net income	14.3	6.5	7.6	7.9	9.9	10.6	11.3
Margin	5.9 %	3.2 %	3.9 %	4.1 %	4.2 %	4.4 %	4.4 %
Number of shares, average	3.5	3.5	3.5	3.5	3.5	3.5	3.5
EPS	4.05	1.85	2.14	2.24	2.81	2.99	3.20
EPS adj.	4.05	1.85	2.14	2.24	2.81	2.99	3.20

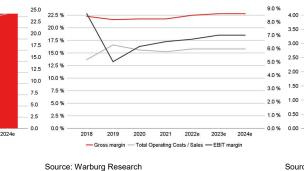
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Financial Ratios 2018 2019 2020 2021 2022e 2023e 2024e Total Operating Costs / Sales 13.7 % 16.6 % 15.6 % 15.2 % 15.8 % 15.8 % 15.8 % Operating Leverage 3.2 x -2.9 x 5.5 x 1.2 x 3.1 x 2.9 x 1.0 x EBITDA / Interest expenses 320.1 x 26.5 x 5.8 x 13.1 x 14.5 x 15.2 x 16.1 x Tax rate (EBT) 31.1 % 32.3 % 31.9 % 30.1 % 30.5 % 31.0 % 31.5 % **Dividend Payout Ratio** 3.0 % 6.5 % 5.6 % 5.4 % 4.3 % 4.0 % 3.7 % 416,184 588,822 472,823 427,078 489,583 489,796 513,600 Sales per Employee

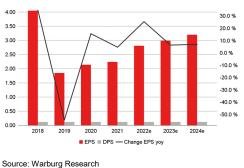
Sales, EBITDA in EUR m



Operating Performance in %



Performance per Share



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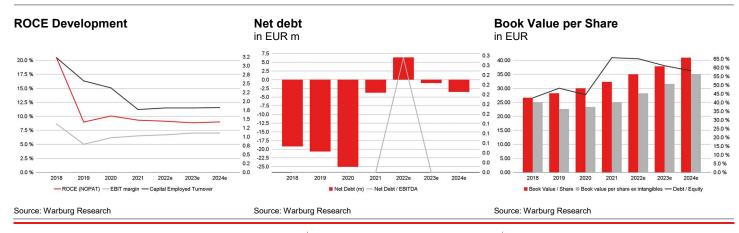
Consolidated balance sheet



Consolidated balance sheet							
In EUR m	2018	2019	2020	2021	2022e	2023e	2024e
Assets							
Goodwill and other intangible assets	5.5	19.8	23.5	25.6	23.9	22.2	20.5
thereof other intangible assets	3.1	17.4	21.1	23.1	21.5	19.8	18.1
thereof Goodwill	2.4	2.4	2.4	2.4	2.4	2.4	2.4
Property, plant and equipment	15.8	19.4	18.6	17.7	20.4	23.0	25.5
Financial assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other long-term assets	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Fixed assets	21.3	39.2	42.1	43.2	44.3	45.2	46.0
Inventories	52.9	41.5	52.0	86.7	104.6	106.8	114.3
Accounts receivable	29.0	27.9	24.2	29.2	35.4	36.2	38.7
Liquid assets	25.0	26.4	26.7	20.2	10.1	17.5	20.0
Other short-term assets	6.0	12.5	8.0	9.4	9.4	9.4	9.4
Current assets	112.8	108.4	110.9	145.6	159.5	169.9	182.4
Total Assets	134.1	147.6	153.0	188.8	203.8	215.1	228.5
Liabilities and shareholders' equity							
Subscribed capital	10.6	10.6	10.6	10.6	10.6	10.6	10.6
Capital reserve	24.1	24.1	24.1	24.1	24.1	24.1	24.1
Retained earnings	58.6	64.0	71.1	78.5	88.1	98.3	109.3
Other equity components	0.8	0.9	0.1	0.7	0.6	0.5	0.4
Shareholders' equity	94.0	99.6	105.9	113.9	123.4	133.5	144.4
Minority interest	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Total equity	94.0	99.6	105.9	113.9	123.4	133.5	144.4
Provisions	3.8	18.6	19.5	23.7	24.3	25.0	25.7
thereof provisions for pensions and similar obligations	1.6	1.6	1.6	1.5	1.5	1.5	1.5
Financial liabilities (total)	4.2	4.2	0.0	15.0	15.0	15.0	15.0
Short-term financial liabilities	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Accounts payable	13.7	9.2	11.8	21.0	25.8	26.3	28.1
Other liabilities	18.4	16.0	15.9	15.3	15.3	15.3	15.3
Liabilities	40.1	48.0	47.1	74.9	80.4	81.5	84.0
Total liabilities and shareholders' equity	134.1	147.6	153.0	188.8	203.8	215.1	228.5

Financial Ratios

	2018	2019	2020	2021	2022e	2023e	2024e
Efficiency of Capital Employment							
Operating Assets Turnover	2.9 x	2.6 x	2.3 x	1.7 x	1.7 x	1.7 x	1.7 x
Capital Employed Turnover	3.2 x	2.6 x	2.4 x	1.8 x	1.8 x	1.8 x	1.8 x
ROA	67.0 %	16.6 %	18.0 %	18.3 %	22.4 %	23.4 %	24.5 %
Return on Capital							
ROCE (NOPAT)	20.5 %	9.0 %	10.1 %	9.3 %	9.1 %	8.8 %	9.0 %
ROE	16.5 %	6.7 %	7.4 %	7.2 %	8.3 %	8.2 %	8.1 %
Adj. ROE	16.5 %	6.7 %	7.4 %	7.2 %	8.3 %	8.2 %	8.1 %
Balance sheet quality							
Net Debt	-19.2	-20.7	-25.1	-3.7	6.4	-1.0	-3.5
Net Financial Debt	-20.8	-22.2	-26.7	-5.2	4.9	-2.5	-5.0
Net Gearing	-20.4 %	-20.7 %	-23.7 %	-3.3 %	5.2 %	-0.7 %	-2.4 %
Net Fin. Debt / EBITDA	n.a.	n.a.	n.a.	n.a.	22.6 %	n.a.	n.a.
Book Value / Share	26.7	28.2	30.0	32.3	35.0	37.9	41.0
Book value per share ex intangibles	25.1	22.6	23.4	25.1	28.2	31.6	35.1



COMMENT

Published 25.05.2022

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Consolidated cash flow statement



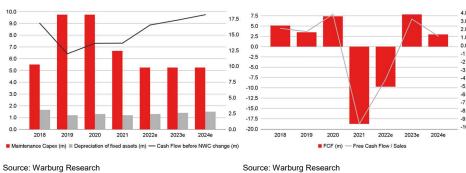
In EUR m	2018	2019	2020	2021	2022e	2023e	2024e
Net income	14.3	6.5	7.6	7.9	9.9	10.6	11.3
Depreciation of fixed assets	1.7	1.2	1.3	1.2	1.3	1.4	1.5
Amortisation of goodwill	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Amortisation of intangible assets	0.9	4.3	4.7	4.7	4.7	4.7	4.7
Increase/decrease in long-term provisions	0.0	0.0	0.0	-0.1	0.0	0.0	0.0
Other non-cash income and expenses	0.0	0.0	0.0	0.0	0.7	0.7	0.7
Cash Flow before NWC change	16.8	12.0	13.6	13.7	16.5	17.3	18.2
Increase / decrease in inventory	-10.1	11.4	-10.5	-34.7	-17.9	-2.2	-7.5
Increase / decrease in accounts receivable	-1.8	1.1	3.7	-5.0	-6.2	-0.8	-2.5
Increase / decrease in accounts payable	0.0	-4.5	2.6	9.2	4.8	0.5	1.8
Increase / decrease in other working capital positions	5.9	-9.4	1.4	1.2	0.0	0.0	0.0
Increase / decrease in working capital (total)	-6.1	-1.5	-2.8	-29.4	-19.2	-2.5	-8.2
Net cash provided by operating activities [1]	10.7	10.4	10.8	-15.7	-2.7	14.8	10.0
Investments in intangible assets	-1.8	-6.3	-6.3	-3.0	-3.0	-3.0	-3.0
Investments in property, plant and equipment	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0	-4.0
Payments for acquisitions	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Financial investments	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Income from asset disposals	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Net cash provided by investing activities [2]	-5.6	-7.0	-3.4	-3.0	-7.0	-7.0	-7.0
Change in financial liabilities	0.0	0.0	-4.2	15.0	0.0	0.0	0.0
Dividends paid	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4	-0.4
Purchase of own shares	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Capital measures	0.0	0.0	0.0	0.0	0.0	0.0	0.0
Other	0.0	-1.6	-2.3	-2.4	0.0	0.0	0.0
Net cash provided by financing activities [3]	-0.4	-2.0	-6.9	12.2	-0.4	-0.4	-0.4
Change in liquid funds [1]+[2]+[3]	4.7	1.5	0.4	-6.5	-10.1	7.4	2.5
Effects of exchange-rate changes on cash	0.0	0.0	-0.2	0.1	0.0	0.0	0.0
Cash and cash equivalent at end of period	25.0	26.4	26.7	20.2	10.1	17.5	20.0

Financial Ratios

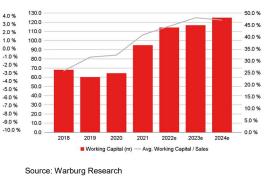
Financial Ratios							
	2018	2019	2020	2021	2022e	2023e	2024e
Cash Flow							
FCF	5.1	3.5	7.3	-18.7	-9.7	7.8	3.0
Free Cash Flow / Sales	2.1 %	1.7 %	3.8 %	-9.6 %	-4.1 %	3.3 %	1.2 %
Free Cash Flow Potential	11.4	2.8	4.5	8.5	12.1	12.9	13.7
Free Cash Flow / Net Profit	35.8 %	53.5 %	97.2 %	-237.3 %	-98.2 %	74.0 %	26.2 %
Interest Received / Avg. Cash	0.1 %	0.0 %	8.8 %	0.0 %	0.0 %	0.0 %	0.0 %
Interest Paid / Avg. Debt	1.7 %	14.1 %	145.0 %	18.9 %	10.0 %	10.0 %	10.0 %
Management of Funds							
Investment ratio	2.4 %	5.0 %	5.3 %	3.6 %	3.0 %	2.9 %	2.7 %
Maint. Capex / Sales	2.3 %	4.8 %	5.1 %	3.4 %	2.2 %	2.2 %	2.0 %
Capex / Dep	226.1 %	188.2 %	172.8 %	119.5 %	117.2 %	115.3 %	113.4 %
Avg. Working Capital / Sales	25.7 %	31.6 %	32.4 %	40.9 %	44.5 %	48.1 %	47.0 %
Trade Debtors / Trade Creditors	211.4 %	303.1 %	205.1 %	139.4 %	137.2 %	137.6 %	137.7 %
Inventory Turnover	3.5 x	3.8 x	2.9 x	1.8 x	1.7 x	1.7 x	1.7 x
Receivables collection period (days)	44	50	46	55	55	55	55
Payables payment period (days)	27	21	29	50	52	52	52
Cash conversion cycle (Days)	120	124	144	212	213	214	214

Free Cash Flow Generation





Working Capital



COMMENT

Published 25.05.2022

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Company	Disclosure	Link to the historical price targets and rating changes (last 12 months)	
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Investment recommendation: expected direction of the share price development of the financial instrument up to the given <u>price target</u> in the opinion of the analyst who covers this financial instrument.

-B-	Buy:	The price of the analysed financial instrument is expected to rise over the next 12 months.	
-H-	Hold:	The price of the analysed financial instrument is expected to remain mostly flat over the next 12 months.	
-S-	Sell:	The price of the analysed financial instrument is expected to fall over the next 12 months.	
"_"	Rating suspended:	The available information currently does not permit an evaluation of the company.	

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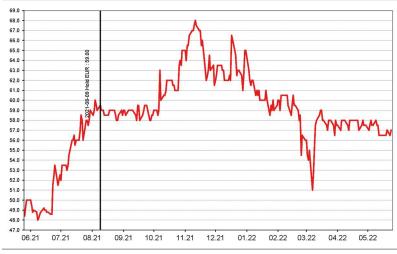
Rating	Number of stocks	% of Universe
Buy	171	80
Hold	37	17
Sell	3	1
Rating suspended	2	1
Total	213	100

WARBURG RESEARCH GMBH – ANALYSED RESEARCH UNIVERSE BY RATING ...

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Rating	Number of stocks	% of Universe
Buy	50	86
Hold	6	10
Sell	0	0
Rating suspended	2	3
Total	58	100

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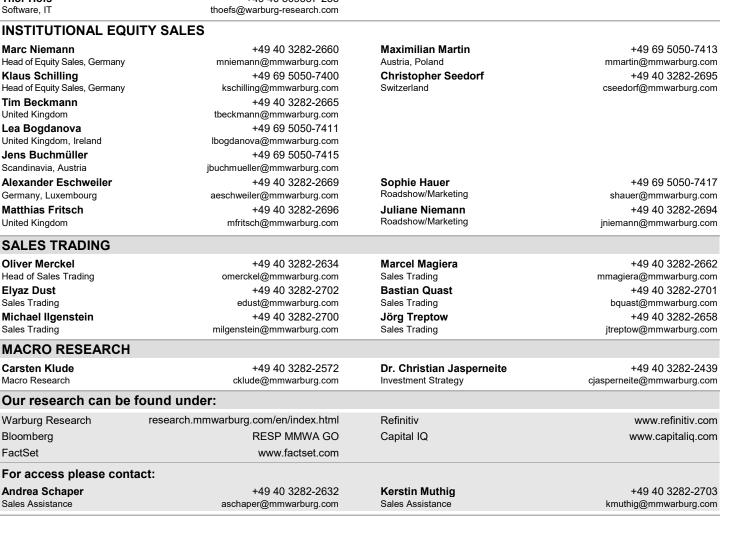
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