

Artikel-Nr. NEU	Beschreibung	Rabatt- gruppe	UVP netto (exkl. USt.)	UVP brutto (19% USt.)
<b>TOPLINE RANGE</b>				
<b>Multifunction Displays and Autopilot</b>				
N-PF000175	Multidisplay in weiß (vertikal oder horizontal montierbar) Lieferumfang ohne Bedienfeld.	1	1.526,47	1.816,50
N-PF000176	Multidisplay in carbon (vertikal oder horizontal montierbar) Lieferumfang ohne Bedienfeld. <i>benötigt min. 1 Pad, um es zu bedienen</i>	1	1.526,47	1.816,50
N-PF000195	Multigraphic II carbon	1	1.834,87	2.183,50
N-PF000401	Multigraphic II plain white	1	1.834,87	2.183,50
<b>Mast Mount Bracket</b>				
N-CP004525	Alu for 1 multidisplay portrait, schwarz	1	235,29	280,00
N-CP004526	Alu for 1 multidisplay portrait	1	235,29	280,00
N-CP004527	NKE Anodised alu support for 2 multidisplay portrait - black	1	345,04	410,60
N-CP004528	NKE Anodised alu support for 2 multidisplay portrait	1	345,04	410,60
N-CP002694	NKE Black composite support for 3 multidisplay landscape	1	1.087,39	1.294,00
N-CP004630	weiß composite Support for 3 multidisplay landscape	1	1.087,39	1.294,00
N-CP002695	NKE Black composite support for 4 multidisplay landscape	1	1.254,62	1.493,00
N-CP002696	Ruderlagen Rückmelder, kompl. mit Schubstange und Fittings	1	1.254,62	1.493,00
<b>Windspeed &amp; Direction Sensors und Interface</b>				
N-PF000111	Wind Standard Masteinheit (ohne Kabel und Halterung)	1	616,89	734,10
N-PF000191	HR MASTHEAD II UNIT (wird ohne Kabel geliefert)	1	1.421,93	1.692,10
N-PF000366	HR II ALUWIND (delivered without cable)	1	1.850,59	2.202,20
N-PF000363	HR II CARBOWIND SENSOR* (trapezoidal end)	1	2.964,03	3.527,20
N-PF000137	Apparent wind monitor interface	1	1.390,59	1.654,80
<b>Cable for Masthead unit and Carbowind Bracket</b>				
N-PF000335	Windkabel und Halter mit stainless steel bracket (34 gr/meter) - 82 ft (25m)	1	188,24	224,00
N-PF000334	CABLE MASTHEAD UNIT with stainless steel bracket (34 gr/m) - 115 ft (35m)	1	282,35	336,00
N-PF000132	Cable avionic carbowind (17gr/meter) - (25 m)	1	287,56	342,20
N-PF000125	Cable avionic carbowind (17gr/meter) - (35 m)	1	413,03	491,50
N-PF000168	Aluwind Bracket	1	49,16	58,50
N-NG000018	Tube for carbowind (trapezoidal)	1	156,89	186,70
<b>Compass and GPS Sensors</b>				
N-PF000143	Fluxgate compass	1	517,56	615,90
N-PF000167	High End - 9 Achsen-Kompass	1	1.233,70	1.468,10
N-PF000136	GPS high frequency* + over ground true wind option	1	778,91	926,90
<b>Log/Speedo and depth Sensors</b>				
N-PF000147	Paddle wheel speed Sensor + Borddurchlass + winter Plug	1	240,50	286,20
N-PF000108	Electromagnetic log body without interface	1	632,61	752,80
N-PF000152	Ultrasonic speed Sensor ohne Borddurchlass	1	1.082,10	1.287,70
N-NG000002	Thru Hull Fitting for Speed Sensor	1	60,67	72,20
N-PF000146	Echolot Sensor inkl. Borddurchlass und Winter Plug	1	203,95	242,70
<b>Installation Kit</b>				
N-PF000141	Speed/depth interface	1	282,35	336,00
N-PF000148	15m bus cable for interface	1	78,49	93,40
N-PF000112	Bus connection box with 6 entries	1	43,95	52,30
N-PF000140	Bus connection box (tl25, gyrographic, multigraphic)	1	43,95	52,30
N-PF000142	Speed/depth interface with speed selector	1	695,29	827,40
N-PF000152	Ultrasonic Speedo starboard for dual ILS	1	1.082,10	1.287,70
N-PF000153	Ultrasonic Speedo port for dual ILS	1	1.082,10	1.287,70
<b>Sensors and associated Interfaces</b>				
N-PF000135	Angle waterproof (Rudder - rotating mast - keel)	1	512,35	609,70
N-SV000092	Inductive mast angle (without contact)	1	POA	
N-PF000171	Analog monitor interface (for mast, 1 way (0-5V))	1	590,76	703,00
N-PF000331	ANALOG MONITOR INTERFACE 1 WAY (0-10 V)	1	590,76	703,00
N-PF000193	ANALOG MONITOR INTERFACE 4 WAYS (0-5 V)	1	825,97	982,90
N-PF000126	Barometer HR 100 with nmea and alarms outputs	1	360,76	429,30
N-PF000161	Batteries controller (500a)	1	407,82	485,30

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N-PF000172	Load cell interface (load cell Sensor required)	1	789,41	939,40
N-PF000155	Load Pin 1/2" 52kN	1	1.695,46	2.017,60
N-PF000201	Load Pin 5/8" 84kN	1	1.495,13	1.779,20
N-NG000019	String Pot (60cm or 2m or 3m)	1	982,77	1.169,50
<b>PADS - Remote Control - Transmitter for displays</b>				
N-PF000177	PAD Display weiß, Bedieneinheit für das Multidisplay	1	386,89	460,40
N-PF000178	PAD Display carbon, Bedieneinheit für das Multidisplay	1	386,89	460,40
N-PF000179	PAD Pilot weiß, Bedieneinheit für das Multidisplay inkl. Autopilotfunktionstasten	1	386,89	460,40
N-PF000180	PAD Pilot carbon, Bedieneinheit für das Multidisplay inkl. Autopilotfunktionstasten	1	386,89	460,40
N-PF000355	GYROPILOT RADIO REMOTE CONTROL (1 transmitter + 1	1	914,87	1.088,70
N-PF000123	Crew transmitter	1	135,97	161,80
N-PF000121	GYROPILOT transmitter	1	292,77	348,40
N-PF000122	Displays transmitter	1	292,77	348,40
N-PF000343	Universal radio receiver	1	622,10	740,30
<b>Gyropilot 3</b>				
N-PF000182	GYROPILOT 3 Computer with true wind mode	1	2.650,42	3.154,00
N-PF000110	Rudder Feedback Sensor for Gyro 3	1	345,04	410,60
N-PF000135	Rudder Feedback and rotating mast - Watertight sensor for Gyro 3	1	512,35	609,70
N-PF000128	12/13,6 v converter (bus supply)	1	176,72	210,30
<b>Gyropilot 2</b>				
N-LG000023	True wind mode & sog reference for GYRO 2 computer	1	454,87	541,30
<b>Hydraulic Drive unit</b>				
N-PF000307	Reversible hydraulic drive unit Mini 120 - 12V	1	1.981,26	2.357,70
N-PF000302	Reversible hydraulic drive unit type 32 -12V	1	2.059,66	2.451,00
N-PF000303	Reversible hydraulic drive unit type 40 - 12V	1	1.996,97	2.376,40
N-PF000308	REVERSIBLE HYDRAULIC DRIVE UNIT TYPE 40 - 24 V	1	1.996,97	2.376,40
N-PF000305	Drive unit type 40 for external mounting	1	2.598,15	3.091,80
N-PF000304	Reversible hydraulic drive unit type 60 - 12V	1	2.226,97	2.650,10
N-PF000309	REVERSIBLE HYDRAULIC DRIVE UNIT TYPE 60 - 24 V	1	2.226,97	2.650,10
N-PF000306	Reversible hydraulic drive unit type 60 - RV3 - 24V	1	2.702,69	3.216,20
N-CP004631	Reversible Pump RV2 - 12V	1	831,18	989,10
N-CP004632	Reversible Pump RV2 - 24V	1	831,18	989,10
<b>Interface</b>				
N-PF000170	WIFI BOX - Daten rein und raus per Wifi, USB or NMEA0183	1	559,41	665,70
N-PF000163	Box Ethernet	1	559,41	665,70
N-PF000192	Box N2K	1	643,03	765,20
<b>AIS</b>				
N-PF000159	Ais transponder class b (isaf approved)	1	794,62	945,60
N-PF000349	AIS TRANSPONDER CLASS B - 5 Watts - GuardXP	1	1.610,08	1.916,00
N-NG000016	External passive GPS antenna for ais transponder (optional)	1	141,18	168,00
N-PF000350	Splitter for AIS Antenna	1	536,72	638,70
<b>Processor and associated Sensors</b>				
N-PF000187	Processor X	1	3.157,48	3.757,40
N-PF000131	HR Processor for Gyro 2	1	13.984,45	16.641,50
N-LG000069	HR Gyropilot 2 years license for processor HR	1	3.933,70	4.681,10
N-PF000197	3D Sensor HR**	1	8.751,76	10.414,60
N-PF000270	3D SENSOR FOG	1	POA	
N-PF000166	Paddle wheel dual log interface for processor	1	695,29	827,40
N-PF000164	Paddle wheel log interface for processor	1	491,43	584,80
N-PF000165	Depth interface for processor	1	324,12	385,70
<b>Chartplotter</b>				
N-PF000277	Chartplotter 10 inch	1	2.500,00	2.975,00
N-PF000280	Chartplotter 12 inch	1	2.998,15	3.567,80
N-PF000281	Chartplotter 16 inch	1	4.735,55	5.635,30
N-PF000283	Chartplotter 24 inch	1	9.993,78	11.892,60

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N-PF000284	Chartplotter NAV XP 10 pouces USA/CANADA **	1	2.613,78	3.110,40
N-PF000287	Chartplotter NAV XP 12 pouces USA/CANADA **	1	3.136,55	3.732,50
N-PF000288	Chartplotter NAV XP 16 pouces USA/CANADA**	1	4.600,25	5.474,30
N-PF000290	Chartplotter NAV XP 24 pouces USA/CANADA **	1	10.455,04	12.441,50

## TOPLINE SPARE PARTS

### Cover / Window for Displays

#### Gyrographic and Multigraphic

N-CP002617	Cover for GYROPILOT GRAPHIC (weiß)	1	27,39	32,60
N-SF000318	Cover for MULTIGRAPHIC (weiß)	1	29,75	35,40
N-SF000321	Cover for MULTIGRAPHIC (carbon Aspect)	1	29,75	35,40

#### Multidisplay and Pad

N-SF000318	Cover for MULTIGRAPHIC (weiß)	1	29,75	35,40
N-SF000321	Cover for MULTIGRAPHIC (carbon Aspect)	1	29,75	35,40
N-SF000336	Cover for Pad weiß	1	21,43	25,50
N-SF000337	Cover for Pad carbon Aspect	1	21,43	25,50

#### TL25

N-CP002677	Front Plastic Window for TL 25 weiß	1	29,75	35,40
N-CP002678	Front plastic window for TL25 Black	1	29,75	35,40

### Windspeed & Direction Sensor Parts

N-CP000254	CAP Masthead Connector	1	17,90	21,30
N-CP002537	Masthead unit Cone	1	23,78	28,30
N-CP002545	Counterweight for Windvane Standard and HR after 07/11	1	11,93	14,20
N-SF000423	Monobloc Windmill for Standard MHU from 006, HR 005, carbo 007	1	17,82	21,20
N-CP005083	Windvane epoxy for masthead unit	1	24,03	28,60
N-CP002559	Windvane Epoxy for Masthead unit	1	24,03	28,60
N-SF000873	Cone/Epoxy vane / Counterweight set for MHU univers	1	73,19	87,10
N-SF000410	Cone/Vane/Counterweight Set for MHU Universal	1	73,19	87,10
N-SF000424	Monobloc Hub/Axis/Magnet Set	1	47,06	56,00
N-SF000405	Hub/Axis/Magnet Set for Standard MHU	1	47,06	56,00
N-SF000305	Hub/Axis/Magnet Set for HR Wind Direction MHU	1	129,50	154,10
N-SF000309	Hub/Axis/Magnet Set for HR Anemometer MHU	1	129,50	154,10
N-PF000339	Stainless Bearings for Standard MHU	1	17,90	21,30

### Log and depth Sensor Parts (after 2005)

N-PF000150	Log Electromagnetic Adapter for old interface	1	59,83	71,20
N-NG000014	Log/Speedo Paddle wheel Sensor (without thru hull)	1	178,82	212,80
N-NG000013	depth Sensor (without thru hull)	1	167,31	199,10
N-CP002534	Nut for Electromagnetic Log	1	13,36	15,90
N-NG000002	Thru Hull Fitting for Speed Sensor	1	60,67	72,20
N-NG000003	Thru Hull Fitting + Plug for depth sensor	1	60,67	72,20
N-CP002703	Paddle wheel with screws for Log	1	32,77	39,00

### Log and depth Sensor Parts (before 2005)

N-PF000144	NKE Adapter altes Echolot auf Neues	1	59,83	71,20
N-PF000145	depth Adapter for new interface	1	59,83	71,20
N-PF000113	Plug für Borddurchlass	1	11,93	14,20
N-CP002529	Nut for Sensors (Paddlewheel Log and sounder)	1	13,11	15,60

### 9X Compass and GPS Sensor Part

N-CP002582	9X / HF GPS Mounting bracket	1	7,23	8,60
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### Chartplotter Accessories

N-CP004643	HP CABLE	1	33,53	39,90
N-CP004644	RCA AUDIO CABLE	1	60,67	72,20
N-CP004645	ALIMENTATION CABLE (0,4 m)	1	30,34	36,10
N-CP004646	ALIMENTATION CABLE (1 m)	1	46,05	54,80
N-CP004642	U Bracket f. 10"/12"/16" NKE Plotter	1	274,45	326,60

### GYROPILOT 2

N-PF000105	Rudder feedback Sensor	1	333,53	396,90
N-PF000128	12/13,6 v converter (bus supply)	1	176,72	210,30

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<b>Rudder Reference Sensor 2 and 3 Parts</b>				
N-PF000115	Rudder angle sensor adaptor GYRO2 to GYRO3	1	54,37	64,70
N-CP002589	Rudder Reference arm	1	19,33	23,00
N-CP002590	Watertight Rudder reference arm	1	20,59	24,50
N-CP002593	Navick Device (for Rudder angle Sensor)	1	19,33	23,00
N-PF000120	Extension cable (6m) for GYRO 3 rudder reference	1	81,60	97,10
N-CP002589	Rudder Angle swivel	1	19,33	23,00
N-SF000409	Threaded Rod + 2 Navick Devices+ 2 swivels	1	62,77	74,70
<b>Hydraulic Drive unit Parts</b>				
N-CP002594	Mini 120 Linear Drive unit Axis	1	47,65	56,70
N-CP002591	Mini, 32, 40 Linear Drive unit Axis	1	47,65	56,70
N-CP002592	60 Linear Drive unit Axis	1	47,65	56,70
N-CP004633	swivel Yoke for Mini 120 Linear Drive	1	156,30	186,00
N-CP004634	swivel yoke for 40 linear drive	1	109,08	129,80
N-CP004635	swivel yoke for 60 linear drive	1	123,61	147,10
N-CP004636	Electro-Distributor	1	217,56	258,90
N-CP004637	Set of carbon brushes for RV2 Unit	1	88,24	105,00
<b>Maintenance Kit for Drive unit (solenoid + carbon brush + swivel Yoke + Axis)</b>				
N-CP004638	Maintenance kit for drive unit type 32/40 - 12V	1	358,57	426,70
N-CP004640	Maintenance kit for drive unit type 32/40 - 24V	1	358,57	426,70
N-CP004639	Maintenance kit for drive unit type 60 - 12V	1	358,57	426,70
N-CP004641	Maintenance kit for drive unit type 60 - 12V	1	358,57	426,70
<b>Cable for Gyropilot computer 2 und 3</b>				
N-SF000455	15m GYROPILOT 3 cable bus with plug	1	67,98	80,90
N-SF000453	Power input cable for GYROPILOT 3	1	73,19	87,10
N-SF000454	Power output & clutch cable for GYROPILOT 3	1	73,19	87,10
N-PF000109	15m GYROPILOT 2 cable bus with plug	1	78,49	93,40
<b>Transmitter-Receiver Parts</b>				
N-CP002668	WRIST BAND for transmitter	1	11,60	13,80
<b>Cable</b>				
N-CP000598	Topline bus cable (meter)	1	2,18	2,60
N-CP000599	Bus cable 6 conductors (meter)	1	3,87	4,60
N-CP000580	Avionic cable 2 conductors (meter)	1	3,03	3,60
N-CP000581	Avionic cable 3 conductors (meter)	1	4,79	5,70
N-SF000416	Radio receiver cable	1	24,79	29,50
<b>Processor X accessories</b>				
N-PF000276	Cable device 5 PTS for device C or 3D sensor	1	172,18	204,90
N-PF000321	Cable device 8 PTS for device AB	1	128,74	153,20
N-PF000320	Cable topcan 10m for Gyropilot 3HR	1	344,37	409,80
N-PF000386	Dual adapter for 3D sensor HR	1	260,08	309,50
N-SF000428	Cable 3D sendor for Processor X	1	275,46	327,80
N-CP000396	Fiche device 5PTS for cable custom	1	38,07	45,30
N-CP000395	Fiche device 8PTS for cable custom	1	38,99	46,40