VAISALA

Owner Group: DCFS	**MAWS System Order Form**
Creator: TPM	**Valid from 1st Sept 2012**

* N in the column means no sensor or option is ordered.
** This order form includes the most commonly used options. For other options please use separate line orders.

Order number/Ref:

Vaisala Hydromet™ Data Collection Platform MAWS - Basic System

Columns: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50

MAWS

MAWS TYPE
Item	Code
MAWS100	1: Hydromet System MAWS100 — 1
MAWS110	2: Hydromet System MAWS110 — 2
MAWS301	3: Hydromet System MAWS301 — 3

SYSTEM TYPE
Standard Assembly for DCP
A: Standard Assembly for Data Collection Platform (DCP) including: QML201C Logger with 3.3 MB Flash Memory for Data Logging and Mounting Plate 1 x RS-232 (3-w), 1 x RS-485 (2-w) and 1 x SDI-12 (up to 10 SDI-12 devices) port RTC Clock, Compact Flash Card Place and Extended RAM, Product Manuals in electronic PDF format — A

Aviation Assembly for DCP
B: Aviation Assembly for Data Collection Platform (DCP) including: QML201C Logger with 3.3 MB Flash Memory for Data Logging and Mounting Plate 1 x RS-232 (3-w), 1 x RS-485 (2-w) and 1 x SDI-12 (up to 10 SDI-12 devices) port RTC Clock, Compact Flash Card Place and Extended RAM, Product Manuals in electronic PDF format — B

Project Assembly for DCP
X: Project Assembly for Data Collection Platform (DCP) including: QML201C Logger with 3.3 MB Flash Memory for Data Logging and Mounting Plate 1 x RS-232 (3-w), 1 x RS-485 (2-w) and 1 x SDI-12 (up to 10 SDI-12 devices) port RTC Clock, Compact Flash Card Place and Extended RAM, Product Manuals in electronic PDF format — X

MECHANICS
Small Enclosures
- A: ENCRFM412 Installation Frame for DCP — A
- B: ENCRST412 Stainless Steel Enclosure for DCP with Installation Frame — B
- C: ENCRST412 Stainless Steel Enclosure for DCP with Installation Frame and Radiation Shield — C
- X: Project Assembly Item for DCP (Enclosure) — X
- No Enclosure — N

Medium Enclosures
- A: ENCRFM432 Installation Frame for DCP — A
- B: ENCRST432 Stainless Steel Enclosure for DCP with Installation Frame — B
- C: ENCRST432 Stainless Steel Enclosure for DCP with Installation Frame and Radiation Shield — C
- X: Project Assembly Item for DCP (Enclosure) — X
- No Enclosure — N

Large Enclosures
- A: ENCRFM542 Installation Frame for DCP — A
- B: ENCRST542 Stainless Steel Enclosure for DCP with Installation Frame — B
- C: ENCRST542 Stainless Steel Enclosure for DCP with Installation Frame and Radiation Shield — C
- D: ENC542PLM Polyester Enclosure for DCP with Installation Frame — D
- E: ENC542PLM Polyester Enclosure for DCP with Installation Frame and Radiation Shield — E
- X: Project Assembly Item for DCP (Enclosure) — X
- No Enclosure — N

(reserved - Xtra Large Enclosures) — N
(reserved - Mobile Enclosures) — N

Enclosure Accessories
- 1: One (1) Lock for DCP using ENCRST412 — 1
- 2: One (1) Lock with Alarm for DCP using ENCRST412 — 2
- 3: Two (2) Locks for DCP using ENCRST432 — 3
- 4: Two (2) Locks with Alarm for DCP using ENCRST432 — 4
- 5: Two (2) Locks for DCP using ENCRST542 — 5
- 6: Two (2) Locks with Alarm for DCP using ENCRST542 — 6
- 7: Two (2) Locks for DCP using ENC542PLM — 7
- 8: Two (2) Locks with Alarm for DCP using ENCPLM542 — 8
- 9: Door Alarm Switch for DCP using ENCRST412 — 9
- 0: Door Alarm Switch for DCP using ENCRST432 — 0
- A: Door Alarm Switch for DCP using ENCRST542 or ENC542PLM — A
- X: Project Assembly Item for DCP (Enclosure Accessories) — X
- No Accessories for Enclosure — N

Mast / Wall Mounting
- A: Wall Mounting Set for DCP using ENCRST412 — A
- B: Mast Mounting Set for DCP using ENCRST412 on Pole Mast (2m/3m w. dia 60mm) — B
- C: Mast Mounting Set for DCP using ENCRST412 on Pole Mast (4m w. dia 75mm) — C
- D: Mast Mounting Set for DCP using ENCRST412 on Pole Mast (6m/10m w. dia 100mm) — D
- E: Wall Mounting Set for DCP using ENCRST432 — E
- F: Mast Mounting Set for DCP using ENCRST432 on Pole Mast (2m/3m w. dia 60mm) — F
- G: Mast Mounting Set for DCP using ENCRST432 on Pole Mast (4m w. dia 75mm) — G
- H: Mast Mounting Set for DCP using ENCRST432 on Pole Mast (6m/10m w. dia 100mm) — H
- I: Wall Mounting Set for DCP using ENCRST / PLM542 — I
- J: Mast Mounting Set for DCP using ENCRST / PLM542 on Pole Mast (2m/3m w. dia 60mm) — J
- K: Mast Mounting Set for DCP using ENCRST / PLM542 on Pole Mast (4m w. dia 75mm) — K
- L: Mast Mounting Set for DCP using ENCRST / PLM542 on Pole Mast (6m/10m w. dia 100mm) — L
- O: Mast Mounting Set for DCP using ENCRST / PLM542 on EXEL mast — O
- X: Project Assembly Item for DCP (Mast/Wall Mounting) — X
- No Mast / Wall Mounting Set for Enclosure — N

POWERING
Solar Power Supply
- 1: Solar Panel Acc.Set for DCP with Connector and Wiring to Solar Panel 11W — 1
- 3: Solar Panel Acc.Set for DCP with Connector and Wiring to Solar Panel 33W — 3
- 5: Solar Panel Acc.Set for DCP with Connector and Wiring to Solar Panel 65W — 5
- X: Project Assembly Item for DCP (Solar Power Supply) — X
- No Solar Power Supply — N

Mains Power Supply
- A: ADC15V60 Mains Power Supply for DCP with Mounting, Wiring, Connector and Surge Arrestor (90-260VAC) — A
- C: ADC15V60 Mains Power Supply for DCP with ADC40V60 Heating Supply, Mounting, Wiring, Connector and Surge Arrestor (90-260VAC) — C
- E: ADC15V60 Mains Power Supply for DCP with ADC24V60 Heating Supply, Mounting, Wiring, Connector and Surge Arrestor (90-260VAC) — E
- G: ADC15V60 Mains Power Supply for DCP with ADC40V60 and ADC24V60 Heating Supplies, Mounting, Wiring, Connector and Surge Arrestor (90-260VAC) — G
- 1: ADC15V60 Mains Power Supply for DCP with Mounting, Safety Fuse for 230VAC and Wiring to — 1
- 2: ADC15V60 Mains Power Supply for DCP with Mounting, Safety Fuse for 115VAC and Wiring to — 2
- 3: ADC15V60 Mains Power Supply for DCP with ADC40V60 Heating Supply, Mounting, Safety Fuse for 230VAC and Wiring to Termination Box — 3
- 4: ADC15V60 Mains Power Supply for DCP with ADC40V60 Heating Supply, Mounting, Safety Fuse for 115VAC and Wiring to Termination Box — 4
- X: Project Assembly Item for DCP (Mains Power Supply) — X
- No Mains Power Supply — N

Internal Backup Batteries
- 2: Backup Battery Acc.Set for DCP with Mounting, QBR101C Battery Regulator, Safety Fuse and Wiring to 5Ah/12V Internal Battery — 2
- 3: Backup Battery Acc.Set for DCP with Mounting, QBR101C Battery Regulator, Safety Fuse and Wiring to 7Ah/12V Internal Battery — 3
- 4: Backup Battery Acc.Set for DCP with Mounting, QBR101C Battery Regulator, Safety Fuse and Wiring to 18Ah/12V Internal Battery — 4
- 5: Backup Battery Acc.Set for DCP with Mounting, QBR101C Battery Regulator, Safety Fuse and Wiring to 12Ah/12V Internal Battery — 5
- 6: Backup Battery Acc.Set for DCP with Mounting, QBR101C Battery Regulator, Safety Fuse and Wiring to 26Ah/12V Internal Battery — 6
- 7: Backup Battery Acc.Set for DCP with Mounting, QBR101C Battery Regulator, Safety Fuse and Wiring to 52Ah/12V Internal Battery — 7
- 8: Backup Battery Acc.Set for DCP with Mounting, QBR101C Battery Regulator, Battery Switch and Wiring to 12Ah/12V Internal Battery — 8
- 9: Backup Battery Acc.Set for DCP with Mounting, QBR101C Battery Regulator, Battery Switch and Wiring to 52Ah/12V Internal Battery — 9
- X: Project Assembly Item for DCP (Internal Backup Batteries) — X
- No Internal Backup Battery Accessory Set — N

External Backup Batteries
- X: Project Assembly Item for DCP (External Backup Batteries) — X
- No External Backup Battery — N

MISCELLANEOUS
Maintenance Connection
- 1: RS-232 Maintenance Cable for DCP — 1
- 2: USB Maintenance Cable for DCP — 2
- X: Project Assembly Item for DCP (Maintenance Connection) — X
- No Maintenance Connection Accessories — N

Calibration
- A: Standard Calibration for DCP — A
- X: Project Assembly Item for DCP (Logger Calibration) — X

Documentation
- 1: Documentation for DCP as Hard Copy Manuals (in English) — 1
- X: Project Assembly Item for DCP (Documentation) — X
- No Documentation as Hard Copy Manuals — N

Obstruction Light
- A: Obs Light Interface for DCP with Connector, Switch and Wiring to Obstruction Light 12VDC — A
- X: Project Assembly Item for DCP (Obstruction Light) — X
- No Obstruction Light — N

Digital I/O Module
- 1: QMI118 Digital I/O Module for DCP — 1
- X: Project Assembly Item for DCP (Digital I/O Module) — X
- No Digital I/O Module — N

Audio Module
- A: Audio Speech Interface for DCP with Mounting, Connectors and Wiring to AUD211M (PSTN) via RS-232 — A
- B: Audio Speech Interface for DCP with Mounting, Connectors and Wiring to AUD211 (Radio) via RS-232 — B
- X: Project Assembly Item for DCP (Audio Module) — X
- No Audio Module — N

SSI I/O Interface
- 1: QMI102 SSI I/O Interface for DCP with Mounting, Connectors and Wiring via RS-232 — 1
- X: Project Assembly Item for DCP (SSI I/O Interface) — X
- No SSI I/O Interface — N

Software Configuration
- A: Standard Configuration for DCP with Metric Units (or Knots) — A
- B: Standard Configuration for DCP with Non-Metric (US) Units — B
- C: Standard Configuration for DCP with Aviation Specifications — C
- X: Project Assembly Item for DCP (Software Configuration) — X

Compact Flash Memory
- 5: Removable CF Card 2 GB for DCP with Industrial Temperature Range (1pc) — 5
- 6: Removable CF Card 2 GB for DCP with Industrial Temperature Range (2pcs) — 6
- X: Project Assembly Item for DCP (Compact Flash Memory) — X
- No Compact Flash Memory — N

Local Data Output
- A: RS-485 (2-w) Local Output for DCP with Connector, Wiring and Surge Protection — A
- X: Project Assembly Item for DCP (Local Data Output) — X
- No Local Data Output — N

Local LCD Display
- 2: LCD Display / Keyboard for DCP Mounted Inside Enclosure (via SPI) — 2
- 3: LCD Display / Keyboard for DCP with Remote Connection (via RS-232) — 3
- 4: LCD Display / Keyboard for DCP with Remote Connection (via RS-485) — 4
- X: Project Assembly Item for DCP (Local LCD Display) — X
- No Local LCD Display — N

Local PDA Display
- X: Project Assembly Item for DCP (Local PDA Display) — X
- No Local PDA Display — N

COMMUNICATION TELEMETRY
Primary Telemetry Option
- A: RS-232 (3-w) Interface for DCP with Connector and Wiring — A
- B: RS-232 (5-w) Interface for DCP with Connector and Wiring — B
- C: RS-485 (2-w) Interface for DCP with Connector, Wiring and Surge Protection — C
- D: RS-485 (4-w) Interface for DCP with Connector, Wiring and Surge Protection — D
- E: PSTN Modem Interface for DCP with Mounting, Connector and Wiring to DXM421 Modem via RS-232 (3-w) — E
- 8: TCP/IP Interface for DCP with Surge Protection and Wiring to DSE101 Ethernet Module — 8
- 9: TCP/IP Interface for DCP with Surge Protection, Ethernet Switch and Wiring to DSE101 Ethernet Module — 9
- G: Fixed Line Modem Interface for DCP with Mounting, Connector and Wiring to DXL421 Modem via RS-232 (3-w) — G
- I: Quad-Band GPRS Interface for DCP with Mounting, Connectors, Relay and Wiring to MC55iT Terminal via RS-232 (3-w) — I
- K: GOES Interface for DCP with GPS, Mounting, Connectors and Wiring to Omnisat Transmitter via RS-232 (5-w) — K
- L: METEOSAT Interface for DCP with GPS, Mounting, Connectors and Wiring to Omnisat Transmitter via RS-232 (5-w) — L
- M: INMARSAT Interface for DCP with GPS, Mounting, Connectors and Wiring to TT-3026L via RS-232 (5-w) — M
- P: SCD/ARGOS Interface for DCP with Mounting, Connectors and Wiring to HAL2 via RS-232 (3-w) — P
- Q: AUTOTRAC Interface for DCP with Mounting, Connectors and Wiring via RS-232 (3-w) — Q
- R: UHF Interface for DCP (380...470 MHz) with Mounting, Connectors and Wiring to SATELLINE-3AS via RS-232 (3-w) — R
- S: VHF Interface for DCP (138...174MHz) with Mounting, Connectors and Wiring to SATELLINE-3ASV via RS-232 (3-w) — S
- T: ISM (2.4 GHz - License Free) Interface for DCP with Mounting, Connectors and Wiring to SS-RADIOMODEM via RS-232 (3-w) — T
- U: CDMA Interface for DCP with Mounting, Connectors and Wiring to RAVEN CDMA via RS-232 (5-w). RAVEN CDMA provided by network operator. — U
- 1: Fixed Line Modem Interface for DCP with Mounting and Wiring to DXL421 Modem via RS-232 (3-w) and Termination Box — 1
- 2: TCP/IP Interface for DCP with Wiring to DSE101 Ethernet Module and Termination Box — 2
- 3: RS-232 (3-w) Interface for DCP with Wiring to Termination Box — 3
- X: Project Assembly Item for DCP (Primary Telemetry Option) — X
- No Primary Telemetry Option — N

Category	Description	Code
Secondary Telemetry Option	A: RS-232 (3-w) Interface for DCP with Connector and Wiring	A
	B: RS-232 (5-w) Interface for DCP with Connector and Wiring	B
	C: RS-485 (2-w) Interface for DCP with Connector, Wiring and Surge Protection	C
	D: RS-485 (4-w) Interface for DCP with Connector, Wiring and Surge Protection	D
	E: PSTN Modem Interface for DCP with Mounting, Connector and Wiring to DXM421 Modem via RS-232 (5-w)	E
	8: TCP/IP Interface for DCP with Surge Protection and Wiring to DSE101 Ethernet Module	8
	9: TCP/IP Interface for DCP with Surge Protection, Ethernet Switch and Wiring to DSE101 Ethernet Module	9
	G: Fixed Line Modem Interface for DCP with Mounting, Connector and Wiring to DXL421 Modem via RS-232 (3-w)	G
	I: Quad-Band GPRS Interface for DCP with Mounting, Connectors, Relay and Wiring to MC55iT Terminal via RS-232 (3-w)	I
	K: GOES Interface for DCP with GPS, Mounting, Connectors and Wiring to Omnisat Transmitter via RS-232 (5-w)	K
	L: METEOSAT Interface for DCP with GPS, Mounting, Connectors and Wiring to Omnisat Transmitter via RS-232 (5-w)	L
	M: INMARSAT Interface for DCP with GPS, Mounting, Connectors and Wiring to TT-3026L via RS-232 (5-w)	M
	P: SCD/ARGOS Interface for DCP with Mounting, Connectors and Wiring to HAL2 via RS-232 (3-w)	P
	Q: AUTOTRAC Interface for DCP with Mounting, Connectors and Wiring via RS-232 (3-w)	Q
	R: UHF Interface for DCP (380...470 MHz) with Mounting, Connectors and Wiring to SATELLINE-3AS via RS-232 (3-w)	R
	S: VHF Interface for DCP (138...174MHz) with Mounting, Connectors and Wiring to SATELLINE-3ASV via RS-232 (3-w)	S
	T: ISM (2,4 GHz - License Free) Interface for DCP with Mounting, Connectors and Wiring to SS-RADIOMODEM via RS-232 (3-w)	T
	U: CDMA Interface for DCP with Mounting, Connectors and Wiring to RAVEN CDMA via RS-232 (5-w). RAVEN CDMA provided by network operator.	U
	1: Fixed Line Modem Interface for DCP with Mounting and Wiring to DXL421 Modem via RS-232 (3-w) and Termination Box	1
	2: TCP/IP Interface for DCP with Wiring to DSE101 Ethernet Module and Termination Box	2
	3: RS-232 (3-w) Interface for DCP with Wiring to Termination Box	3
	X: Project Assembly Item for DCP (Secondary Telemetry Option)	X
	No Secondary Telemetry Option	N
Communication Modules		
1st Com Module Slot	1: DSI485A Isolated RS-485 Module for DCP with Single 2/4-wire Connection	1 1
2nd Com Module Slot	3: DSU232 Single RS-232 Module for DCP (1 x RS-232 (5-w))	3 3
	4: DSU232 Dual RS-232 Module for DCP (2 x RS-232 (3-w)	4 4
	6: DSI486 Dual RS-485 Module for DCP (2 x RS-485 (2-w) + 1 x SDI-12)	6 6
	8: DSI486 Dual RS-485 Module for DCP (1 x RS-232 (3-w) + 1 x RS-485 (2-w) + 1 x SDI-12 port)	8 8
	A: DSE101 Ethernet Module for DCP	A A
	X: Project Assembly Item for DCP (Communication Modules)	X X
	No Communication Modules	N N
GPS Receiver	A: GPS Interface for DCP with Connector and Wiring to GPS-17-HVS via RS-232 (3-w)	A
	X: Project Assembly Item for DCP (GPS Receiver)	X
	No GPS Receiver	N
SENSORS & MEASUREMENTS		
Weather Transmitter	1: Sensor Interface for DCP with Connector, Surge Protection and Wiring to one (1) WXT520 Weather Transmitter (not heated) via RS-485 (2-w)	1
	2: Sensor Interface for DCP with Connector, Surge Protection and Wiring to one (1) WXT520 Weather Transmitter (heated) via RS-485 (2-w), ADC15V60 required.	2
	3: Sensor Interface for DCP with Connector, Surge Protection and Wiring to one (1) WXT520 Weather Transmitter (not heated) via SDI-12	3
	4: Sensor Interface for DCP with Connector, Surge Protection and Wiring to one (1) WXT520 Weather Transmitter (heated) via SDI-12, ADC15V60 required.	4
	X: Project Assembly Item for DCP (Weather Transmitter)	X
	No Interface for WXT510 Weather Transmitter	N
Air Temp / RH / Dew Point	B: Sensor Interface for DCP with Connector and Wiring to one (1) HMP155 Air Temperature and Relative Humidity Sensor via analog interface	B
	C: Sensor Interface for DCP with Connector and Wiring to one (1) HMP155 Air Temperature and Relative Humidity Sensor via RS-485 (2-w)	C
	D: Sensor Interface for DCP with Connector and Wiring to one (1) HMP155 Air Temperature and Relative Humidity Sensor, Heated RH, via RS-485 (2-w). ADC15V60 required.	D
	X: Project Assembly Item for DCP (Air Temp / RH / Dew Point)	X
	No Interface for Temperature and/or Relative Humidity Probe	N
Atmospheric Pressure	2: Sensor Interface for DCP with Pressure Inlet Port, Hose, Mounting and Wiring to one (1) PTB330 Digital Barometer via RS-232 (3-w)	3
	4: Sensor Interface for DCP with Pressure Inlet Port, Hose and Mounting one (1) BARO-1 Pressure Sensor	4
	X: Project Assembly Item for DCP (Atmospheric Pressure)	X
	No Interface for Atmospheric Pressure Sensor	N
Wind Speed and Direction	A: Sensor Interface for DCP with Connector and Wiring to one (1) WM30 Mechanical Wind Sensor (not Heated)	A
	B: Sensor Interface for DCP with Connectors and Wiring to one (1) WA15 Mechanical Wind Sensors (not Heated) via QM118	B
	C: Sensor Interface for DCP with Connectors and Wiring to one (1) WA15 Mechanical Wind Sensors (Heated) via QM118. ADC40V60 required.	C
	D: Sensor Interface for DCP with Connectors and Wiring to one (1) WA25 Mechanical Wind Sensors (Fully Heated) via QM118. WHP25 required.	D
	E: Sensor Interface for DCP with Connectors and Wiring to one (1) WindSonic Ultrasonic Wind Sensor (not Heated) via RS-232 (3-w)	E
	F: Sensor Interface for DCP with Surge Protection, Connectors and Wiring to one (1) WS425 Ultrasonic Wind Sensor (not Heated) via RS-485 (2-w)	F
	H: Sensor Interface for DCP with Connectors, Surge Protection, Wiring to one (1) WMT52 Ultrasonic Wind Sensor (not Heated) via RS-485 (2-w)	H
	I: Sensor Interface for DCP with Connectors, Surge Protection, Wiring to one (1) WMT52 Ultrasonic Wind Sensor (Heated) via RS-485 (2-w). ADC15V60 required.	I
	L: Sensor Interface for DCP with Connectors, Surge Protection, Wiring to one (1) WMT52 Ultrasonic Wind Sensor (not Heated) via SDI-12	L
	M: Sensor Interface for DCP with Connectors, Surge Protection, Wiring to one (1) WMT52 Ultrasonic Wind Sensor (Heated) via SDI-12. ADC15V60 required.	M
	O: Sensor Interface for DCP with Surge Protection, Connectors and Wiring to one (1) WMT700 Ultrasonic Wind Sensor (not Heated) via RS-485 (2-w)	O
	P: Sensor Interface for DCP Surge Protection, Connectors and Wiring to one (1) WMT700 Ultrasonic Wind Sensor (Heated) via RS-485 (2-w). ADC40v60 req.	P
	R: Sensor Interface for DCP with Surge Protection, Connectors and Wiring to one (1) WMT700 Ultrasonic Wind Sensor (not Heated) via SDI-12	R
	S: Sensor Interface for DCP Surge Protection, Connectors and Wiring to one (1) WMT700 Ultrasonic Wind Sensor (Heated) via SDI-12. ADC40V60 req.	S
	X: Project Assembly Item for DCP (Wind Speed and Direction)	X
	No Interface for Wind Speed and Direction Sensor	N
Rain and Precipitation	1: Sensor Interface for DCP with Connector and Wiring to one (1) QMR102 Tipping Bucket Rain Gauge (Not Heated)	1
	2: Sensor Interface for DCP with Connector and Wiring to one (1) RG13 Tipping Bucket Rain Gauge (Not Heated)	2
	3: Sensor Interface for DCP with Connector and Wiring to one (1) RG13 Tipping Bucket Rain Gauge (Heated). ADC40V60 required.	3
	X: Project Assembly Item for DCP (Rain and Precipitation)	X
	No Interface for Rain or Precipitation Gauge	N
Global Solar Radiation	A: Sensor Interface for DCP with Connector and Wiring to one (1) SPLITE Pyranometer (Silicon Photodiode)	A
	B: Sensor Interface for DCP with Connector and Wiring to one (1) SK01-D2 Pyranometer (Silicon Photodiode)	B
	F: Sensor Interface for DCP with Connector and Wiring to one (1) SK08 Pyranometer (ISO First Class Thermopile)	F
	C: Sensor Interface for DCP with Connector and Wiring to one (1) CMP3 Pyranometer (ISO Second Class Thermopile)	C
	D: Sensor Interface for DCP with Connector and Wiring to one (1) CMP6 / CMP11 / CMP21 Pyranometer (ISO First Class / Secondary Standard Thermopile)	D
	E: Sensor Interface for DCP with Connector and Wiring to one (1) EQ08 / EQ08-S Pyranometer (ISO First Class / Secondary Standard Thermopile)	E
	X: Project Assembly Item for DCP (Global Solar Radiation)	X
	No Interface for Global Solar Radiation	N
Net / Albedo / FIR Radiation	1: Sensor Interface for DCP with Connector and Wiring to one (1) NRLITE Net Radiation Sensor	1
	2: Sensor Interface for DCP with Connector and Wiring to one (1) set of 2xSPLITE Albedometer (Silicon Photodiode)	2
	3: Sensor Interface for DCP with Connector and Wiring to one (1) set of 2xCMP3 Albedometer (ISO Second Class Thermopile)	3
	4: Sensor Interface for DCP with Connector and Wiring to one (1) EQ16 Albedometer (ISO Secondary Standard Thermopile)	4
	5: Sensor Interface for DCP with Connector and Wiring to one (1) CMA6 / CMA11 Albedometer (ISO First Class / Secondary Standard Thermopile)	5
	X: Project Assembly Item for DCP (Net / Albedo / FIR Radiation)	X
	No Interface for Net / Albedo / FIR Radiation	N
UV Radiation / PAR	A: Sensor Interface for DCP with Connector and Wiring to one (1) CUV4/CUV5 Broadband UV Radiometer	A
	B: Sensor Interface for DCP with Connector and Wiring to one (1) UVR1-A/UVR1-B UVA/UVB Radiometer	B
	C: Sensor Interface for DCP with Connector and Wiring to one (1) PARLITE Photosynthetically Active Radiation Sensor	C
	X: Project Assembly Item for DCP (UV Radiation / PAR)	X
	No Interface for UV Radiation / PAR	N
Sun Duration / Direct Radiation	1: Sensor Interface for Fixed DCP with Connector and Wiring to one (1) CSD3 Sun Duration Sensor (without Thermostat)	1
	2: Sensor Interface for Fixed DCP with Connector and Wiring to one (1) CSD3 Sun Duration Sensor (Heated with Thermostat). ADC15V60 required.	2
	3: Sensor Interface for Fixed DCP with Connector and Wiring to one (1) SD4 Sun Duration Sensor	3
	X: Project Assembly Item for DCP (Sun Duration / Direct Radiation)	X
	No Interface for Sun Duration Sensor	N
Soil / Water Temperature	A: Sensor Interface for DCP with Connector and Wiring to one (1) QMT103 / QMT110 Soil/Water Temperature Probe	A
	B: Sensor Interface for DCP with Connector and Wiring to one (1) QMT107 Soil Temperature Probe (7 Levels)	B
	X: Project Assembly Item for DCP (Soil / Water Temperature)	X
	No Interface for Soil / Water Temperature	N
Soil / Fuel Moisture	2: Sensor Interface for DCP with Connector and Wiring to one (1) ML2X Soil Moisture Sensor	2
	3: Sensor Interface for DCP with Connector and Wiring to one (1) QFM101 Fuel Moisture Sensor	3
	4: Sensor Interface for DCP with Connector and Wiring to one (1) EC-5 Soil Moisture Sensor	4
	X: Project Assembly Item for DCP (Soil / Fuel Moisture)	X
	No Interface for Soil / Fuel Moisture	N
Evaporation	A: Sensor Interface for DCP with Connector and Wiring to one (1) 255 Series Evaporation Sensor	A
	X: Project Assembly Item for DCP (Evaporation)	X
	No Interface for Evaporation	N
Carbon Dioxide / Leaf Wetness	1: Sensor Interface for DCP with Connector, QLA012 Voltage Adapter and Wiring to one (1) QLW102 Leaf Wetness Sensor	1
	X: Project Assembly Item for DCP (Carbon Dioxide / Leaf Wetness)	X
	No Interface for Carbon Dioxide / Leaf Wetness	N
Cloud Height	A: Sensor Interface for DCP with Connector, Surge Protection, Wiring to one (1) CL31 Ceilometer via RS-485 (2-w)	A
	X: Project Assembly Item for DCP (Cloud Height)	X
	No Interface for Cloud Height	N
Visibility / Present Weather	A: Sensor Interface for DCP with Connector, Surge Protection, Wiring to one (1) PWD10/20/50/12/22/52 Visibility / Present Weather Sensor via RS-485 (2-w)	A
	B: Sensor Interface for DCP with Connector, Surge Protection, Wiring to one (1) PWD10/20/50/12/22/52 Visibility / Present Weather Sensor (Heated) via RS-485 (2-w), ADC24V60 req.	B
	D: Sensor Interface for DCP with Connector, Surge Protection, Wiring to one (1) FS11 / FS11P Visibility Sensor via RS-485 (2-w)	D
	X: Project Assembly Item for DCP (Visibility / Present Weather)	X
	No Interface for Visibility / Present Weather	N
Snow Depth	1: Sensor Interface for DCP with Connector and Wiring to one (1) IRU-9429 Ultrasonic Snow Depth Sensor	1
	X: Project Assembly Item for DCP (Snow Depth)	X
	No Interface for Snow Depth	N
Water Level	B: Sensor Interface for DCP with Connector, Surge Protection and Wiring to one (1) PAA-36XW/H Submersible Water Level & Temperature Sensor (Absolute Pressure) via RS-485 (2-w)	B
	C: Sensor Interface for DCP with Connector and Wiring to one (1) IRU-9429 Ultrasonic Water Level Sensor	C
	F: Sensor Interface for DCP with Connector and Wiring to one (1) QHR104-1 / QHR104-3 Water Level Radar via SDI-12	F
	E: Sensor Interface for DCP with Connector and Wiring to one (1) QSE104 Shaft Encoder via RS-485(2-w)	E
	X: Project Assembly Item for DCP (Water Level)	X
	No Interface for Water Level	N
(reserved)		N
Other Measurements	A: SDI-12 Sensor Interface for DCP with Connector, Surge Protection and Wiring	A
	B: Sensor Interface for DCP with Connector and Wiring to one(1) DRD11A Precipitation Detector	B
	C: DSC111 Surface State Sensor via RS-485 (2-w) and Surge	C
	D: DST111 Surface Temperature Sensor via RS-485 (2-w) and Surge	D
	X: Project Assembly Item for DCP (Other Measurements)	X
	No Interface for Other Measurements	N

Example of order code with typical settings: | MAWS | 3 | A | N | N | C | N | N | N | L | 3 | C | 9 | N | 2 | A | 1 | N | N | N | N | A | 6 | A | N | N | - | I | N | 4 | 6 | N | N | B | 3 | P | 3 | C | N | N | N | A | 4 | N | N | N | B | N | N | N | N |