

Lufft UMB-Modules

Common features of all UMB modules

- Galvanic isolation between sensor supply and communication
- Host communication via RS232 (PC / GPRS-modem), RS485 (EAK)
- Small housing with top hat rail mounting and bus-connection
- Firmware update via RS232
- Common power supply (24V) for UMB modules and (heated) sensors
- Online data-transfer (no memory)
- Network with up to 32 modules

ISOCON-UMB communication module for all UMB sensors

- Communication-watchdog for reliable sensor function (reset)
- Overvoltage protection for all interfaces
- LED indication for operation mode

ANACON-UMB 2-channel universal transmitter

2 analog inputs, 24 bit resolution for voltage, current and resistance LED indication for operation mode for following Lufft-sensors:

- Temperature / humidity sensor
- Combined wind / air pressure sensor
- Ultrasonic wind sensor 4 ... 20 mA
- Precipitation gauge (tipping bucket)

Other inputs:
Digital signals (e.g. door contact)

IRS21CON-UMB communication module for Lufft road sensor IRS21

- Converts the IRS21 protocol into UMB protocol
- Controls the galvanic isolated power supply for IRS21
- Overvoltage protection for all interfaces
- LED indication for operation mode

Compact design
Easy commissioning
RS232 or RS485 data transfer
Easy software updates
Free configuration software

Lufft UMB-Modules			Order No.
ISOCON-UMB			8160.UISO
ANACON-UMB			8160.UANA
IRS21CON-UMB			8410.UISO
Operating conditions	Power supply	12 ... 26VDC	
	Power consumption	< 100 mA	
	Ambient temperature	-30 °C ... 60 °C	
	Relative humidity	< 95 % RH	
	Protection	IP20	
	Module width	23 mm	
	RS232 Plug	DSUB9	
	Sensor connector	Screw type	
Storage conditions	Ambient temperature	-40 °C ... 70 °C	
	Relative humidity	< 95 % RH	
Accessories	Power supply 24V/4A		8366.USV1
	GPRS/GSM modem with camera connection		8160.MOD-VIOLA
	Night vision camera, 3 Mega pixel		9983.10
	Night vision camera, VGA		9983.20

