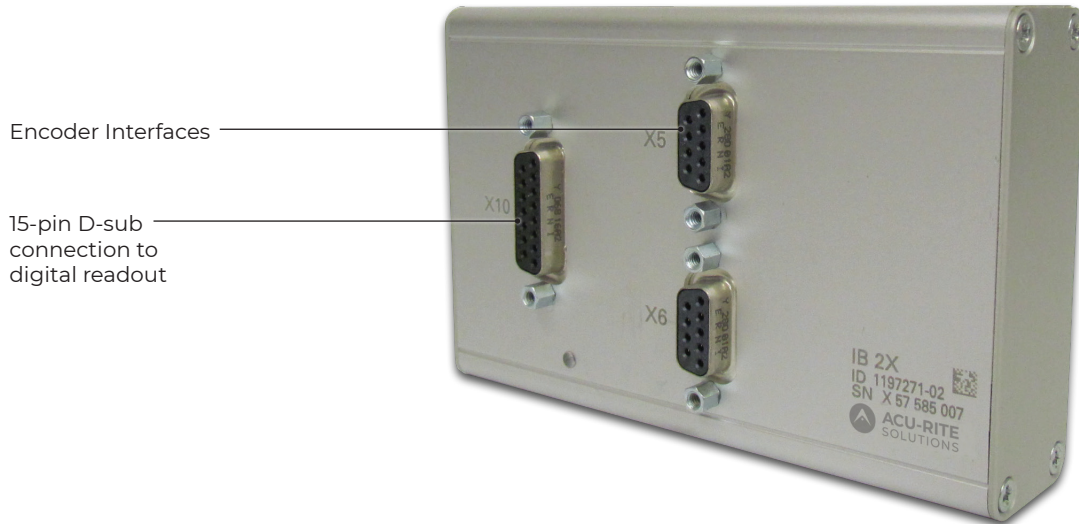


IB 2X

External Encoder Input Unit for DRO300



Accessories

Connecting cable complete with connectors, between IB 2X and DRO

Distribution cable (Y cable) complete with connectors, for parallel connection of IB 2X, IOB 610, and KT 130 on DRO

More Encoder Inputs. Greater Machine Capability.

The IB 2X external encoder input box adds two additional encoder connections to ACU-RITE SOLUTIONS DRO300. Its compact design provides a simple, reliable way to increase machine measurement capability without replacing your existing DRO.

Increase Machine Measurement Capability

Whether adding scales to another machine axis or expanding an existing installation, the IB 2X makes it easy to connect additional linear encoders for greater flexibility and productivity.

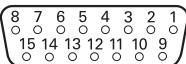
Simple Installation. Reliable Operation.

Designed for easy integration, the IB 2X connects directly to DRO300 and delivers dependable encoder communication for everyday machining applications.

IB 2X Technical Data

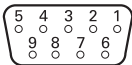
Encoder Interfaces	2 – TTL; Max. current 300mA; max. input frequency 500kHz; 9-Pin D-Sub
Output	1 – 15-Pin M D-Sub (X10)
Mounting	On a standard NS 35mm DIN rail in an electrical cabinet or on a stand
Protection EN 60529	IP 40 (intended for indoor use only)
Voltage Supply	Via the DRO
Cable Length	Do not exceed a maximum combined cable length of 30m
Storage Temperature	0°C ... 45°C
Operating Temperature	-20°C ... 70°C

X10

On the IB 2X and IOB 610							
							
1	2	3	4	5	6	7	8
0 V	/	Signal low	/	/	DC 5 V	0 V	0 V
9	10	11	12	13	14	15	
Signal high	/	/	Value Output Contact	/	Value Output Pulse	0 V	

Vacant pins or wires must not be used.

X5, X6

TTL								
								
1	2	3	4	5	6	7	8	9
/	A+	A-	B+	B-	GND	DC 5V	R-	R+

Vacant pins or wires must not be used.



ACU-RITE SOLUTIONS creates precision CNC control and digital readout systems that accelerate efficiency and capability for manual machine tool operators. Our advanced technologies are backed by the continuous innovation of HEIDENHAIN and are designed, built, and supported in the USA. acu-ritesolutions.com

Pair an ACU-RITE SOLUTIONS CNC control or digital readout with a durable linear encoder. Our precision glass scales provide repeatable, accurate feedback in even the harshest environments.