

PORTFOLIO OVERVIEW DRAW-WIRE ENCODERS

	Characteristics			Draw-wire encoders			Measuring length																
	Linearity max.	Speed [m/s]	Wire diameter [mm]	Measuring length [m]			Short range			Mid range				Long range									
					Encoder	Analog sensor	Features	0	1	2	3	4	5	6	8	10	12	15	max. 42.5				
Performance-Line	±0.02 %	10	0.5		INC ABS	U I R		-----															
					INC ABS	U I R		-----															
					INC ABS	U I R		-----															
					INC ABS	U I R		-----															
Robust-Line	±0.1 %	3	1.0		ABS	U I R	RED	-----															
			1.5		ABS	U I R	RED	-----															
Compact-Line	±0.3 %	3	0.9			U I R		-----															
					INC	U I R		-----															
					ABS	U I R		-----															
					INC ABS	U I R		-----															
					INC ABS	U I		-----															
Base-Line	±0.5 %	1	0.9		INC ABS	U	N RS RED	-----															
					ABS	U	N RED	-----															

INC Incremental
ABS Absolute, digital

U Voltage
I Current
R Potentiometer

N Inclinometer
RS Relais / switch output
RED Redundant sensors

