QR series identification

Type Empty = standard N = Next Generation P = Programmable	Resolution AbsoluteEmpty = 10 bitH = 12 bitX = 14 bitResolution IncrementalI = 8 pprJ = 16 pprU = 25 pprK = 32 pprC = 52	Output configurationV= Analog voltage 0 - 5 VV2= Analog voltage 0.5 - 4.5 VV3= Analog voltage 1-9 VV4= Analog voltage 0.5 - 9.5 VV5= Analog voltage 0-10 VV6= Analog voltage 0.25 - 4.75VI= Analog current 4-20 mAP= PWMC= Incremental Push Pull ABZ= Incremental Push Pull ABZSPI= Serial Peripheral interface	<u>Configuration</u> Any number or Character combination
Family QR Absolute & Incremental Rotary Encoders Empty = first 2 = 2 nd 3 = 3 rd	S = 50 ppr L = 64 ppr T = 100 ppr M = 128 ppr V = 200 ppr N = 256 ppr W = 300 ppr X = 400 ppr Y = 500 ppr O = 512 ppr P = 1024 ppr Q = 2048 ppr R = 4096 ppr	I2C = I2C Interface IO = IO-link interface CAN = CAN open interface CANJ= CAN J1939 interface S = Special W = Wireless $\frac{Cable \ length}{Empty = 2m}$ 3.5 = 3.5m $Supply \ volume{vo$	for customer specific configuration ltage 10-30V dc V dc
QR 30 N 2 - 110 Measuring range Absolute: degrees Absolute: degrees Incremental: degrees Incremental: degrees Tacho: rpm Measuring size A = Absolut B = Absolut B = Absolut 30 = 30x30x15 mm D = Increme D = Increme 40 = 40x40x22 mm S = Client S = Client	H B - 2 N Redundant Empty = non-redu 2 = redundar 2 = redundar e, 360°, slow response e, subranges, fast response ntal A/B pulses ntal Step/Direction pulses Specific	<pre>M - K 3 CM - 5V Indant Int Connection K = PVC cable P = PUR cable PT = PUR/TPE cable TT = TPE/TPE cable C = Connector M = Male F = Female D = Deutsch connector S = Special y = any figure (Conn. or pol p = number of poles</pre>	- UL - XXXXX USA & Canada U = cTUVus UL= UL