



Novotronic Profibus PA

Industrial fieldbus cable for Process Automation(PA)

Specification

RATED VOLTAGE U ₀ /U	250V
CONDUCTOR CLASS	Class 5 = fine stranded wires
CONDUCTOR MATERIAL	Copper
CORE INSULATION	PE/PP
CORE IDENTIFICATION	Red and Green
OVERALL SHIELD	Aluminum foil and braided tinned copper wire
OUTER SHEATH	PVC
SHEATH COLOUR	Black or blue
BENDING RADIUS FIXED	7,5 x cable diameter
BENDING RADIUS MOVED	15 x cable diameter
MIN OPERATING TEMPERATURE FIXED	-40°C
MAX OPERATING TEMPERATURE FIXED	+80°C
MIN OPERATING TEMPERATURE MOVED	-10°C
MAX OPERATING TEMPERATURE MOVED	+70°C
TESTING VOLTAGE	1500V
LOOP RESISTANCE	39,0 Ohm/km
CAPACITANCE	52,0 nF/km
IMPEDANCE	100 Ohm
FLAME RETARDANT	IEC 60332-1

Variants

DIMENSION N X MM ²	OUTER DIAMETER MM	WEIGHT KG/100M	COLOUR
1x2x1	8	7.6	Blue
1x2x1	8	7.6	Black