

VERİ İLETİŞİM KABLOLARI (PROFIBUS-DP)

DATA TRANSMISSION CABLES (EN 50170, RS 485)

ALKAN KABLO PROFIBUS - DP



KABLO YAPISI / CONSTRUCTION

İLETKEN CONDUCTOR	ELEKTROLİTİK MONO BAKIR 0.64 Ø(22 AWG) ELECTROLITIC SOLID COPPER 0.64 Ø(22 AWG)
YALITKAN INSULATION	KÖPÜK PE FOAM PE
YALITIM RENGİ COLOUR CODE	A TELİ YEŞİL-B TELİ KIRMIZI A WIRE GREEN-B WIRE RED
1. EKRAN 1. SCREEN	AL-PES BANT AL-PES TAPE
2. EKRAN 2. SCREEN	KALAYLI BAKIR TELLERDEN ÖRGÜ (MİN %85 KAPAMA) TINNED COPPER BRANDING (%85 COVERAGE)
DIŞKILIF SHEATH	PVC KOMPAUND PVC COMPOUND
DIŞKILIF RENGİ SHEATH COLOUR	RAL 4001 MOR RAL 4001 VIOLET

ALEV GECİKTİRİCİ ÖZELLİK FLAME RETARDANT CHARACTERISTIC

KULLANIM ALANLARI / APPLICATION

SCADA SİSTEMLERİNDE

- a) SU VE DOĞALGAZ DAĞITIM ŞEBEKELERİNDE /WATER AND NATURAL GAS DISTRIBUTION NETWORKS
- b) ELEKTRİK ÜRETİM VE DAĞITIMINDA / PRODUCING AND DISTRIBUTION OF ELECTRIC
- c) AKARYAKIT DOLUM TESİSLERİNDE / FOR OIL FILLING PLANTS
- d) ELEKTRİK SANTRALLERİNDE /ELECTRIC STATIONS
- e) ÜRETİM BANTLARINDA /PRODUCE CONVEYOR
- f) GENİŞ ÇAPTA ÜRETİM YAPAN FABRİKALARDA/FACTORIES ARE PRODUCING LARGE AMOUNT

PROFIBUS: SCADA SİSTEMİNDE YER ALAN ANA BİLGİSAYAR İLE DİĞER BİLGİSAYARLAR, SENSÖRLER, MOTORLAR, TERMOKUPULLAR OTOMATİK VANALAR GİBİ CİHAZLARIN BAĞLANTISINI TEK BİR HAT ÜZERİNDEN YAPMA SİSTEMİ.

PROFIBUS: THE SYSTEM OF MAINTAINING CONNECTION OF HOST COMPUTER AND OTHER COMPUTERS, SENSORS, MOTORS, THERMOCOUPLES, AUTOMATIC VALVES WHICH ARE PARTS OF SCADA SYSTEM ON A SINGLE LINE.

SCADA: COĞRAFİK OLARAK GENİŞ BİR ALANA YAYILMIŞ CİHAZLARIN BİR MERKEZDEN BİLGİSAYAR ARACILIĞIYLA DENETLENMESİNİ, İZLENMESİNİ VE BİR MANTIK İÇİNDE İŞLETİLMESİNİ SAĞLAYAN SİSTEMLERE VERİLEN GENEL İSİM.

A GENERIC NAME FOR SYSTEMS THAT ALLOW INSPECTION. MONITORING AND OPERATING UNDER A LOGIC OF DEVICES SPRAWLING OVER A WIDE GEOGRAPHICAL AREA FROM A CENTER BY MEANS OF COMPUTERS.

TEKNİK ÖZELLİKLER / TECHNICAL CHARACTERISTIC

DC İLETKEN DİRENCİ DC LOOP RESISTANCE (MAX)	110 Ω/km
YALITIM DİRENCİ INSULATION RESISTANCE (MIN)	1000 MΩ km
ÇALIŞMA VOLTAJI OPERATING VOLTAGE	250 V
TEST VOLTAJI DAMAR/DAMAR TEST VOLTAGE CORE CORE	1000 V
BÜKÜLME ÇAPI BENDING RADIUS	12xKablo Ø
KARAKTERİSTİK EMPEDANS BENDING RADIUS	150±15 Ø
EFEKTİF KAPASİTE MUTUAL CAPACITY (MAX)	30 nF/km
ÇALIŞMA SICAKLIĞI TEMPERATURE RANGE	-40°C.....+70 °C
ALEV TESTİ FLAME TEST	IEC 332-1/VDE 0472 PART 804 EN 50265-2-1

YALITIMIN MEKANİK ÖZELLİKLERİ ÇEKME DAYANIMI 12,5 N/mm²
MECHANICAL PROPERTIES OF OUTER SHEATH TENSILE DURABILITY 12,5 N/mm²

YALITIMIN MEKANİK ÖZELLİKLERİ KOPMA UZAMASI %180
MECHANICAL PROPERTIES OF OUTER SHEATH BREAKING OF ELONGATION %180

YALITIMIN KÜTLE KAYBI DENEYİ: 7 GÜN 80°C (+/-2°C) 0,04 mg/cm²
MAST LOST TEST: (SHEATH) 7 DAYS 80°C (+/-2°C) 0,04 mg/cm²

YALITIMIN YÜKSEK SICAKLIKTA BASINÇ TESTİ: 4 h 80°C (+/-2°C) EZİLME %21
PRESSURE TEST AT HIGH TEMPERATURE: (SHEATH) 4 h 80°C (+/-2°C) CRUSH %21

YALITIMIN SOĞUKTA UZAMA TESTİ: (-15+2°C) %79
TEST OF ELONGATION AT COLD: (SHEATH) (-15+2°C) %79

BİLGİ İLETİŞİM HIZI DATA TRANSFER RATE Kbit/sn	MAX HAT UZUNLUĞU MAX SEGMENT LENGTH (Mt)
9.6	1200
93.75	1200
187.5	1000
500	400
1500	200
12000	100
ZAYIFLAMALAR ATTENUATION	
9.6 KHz	1200 d8/km
93.75 KHz	1200 d8/km
187.5 KHz	1000 d8/km
500 KHz	400 d8/km

