

VERİ İLETİŞİM KABLolarI (PROFIBUS-PA)

DATA TRANSMISSION CABLES (IEC 61158-2)



KABLO YAPISI / CONSTRUCTION

İLETKEN CONDUCTOR	SOLİD BAKIR 1.0 Ø(18 AWG) SOLID PLAN COPPER 1.0 Ø(18 AWG)
YALITKAN INSULATION	KÖPÜK PE FOAM PE
YALITIM RENGİ COLOUR CODE	A TELİ YEŞİL-B TELİ KIRMIZI A WIRE GREEN-B WIRE RED
1. EKİRAN 1. SCREEN	AL-PES BANT AL-PES TAPE
2. EKİRAN 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 5015 MAVİ VEYA RAL 9005 SİYAH RAL 5015 BLUE OR RAL 9005 BLACK

ALEV GECİKTİRİCİ ÖZELLİK FLAME RETARDANT CHARACTERISTIC

KULLANIM ALANLARI / APPLICATION

SCADA SİSTEMLERİNDE

- SU VE DOĞALGAZ DAĞITIM ŞEBEKELERİNDE/WATER AND NATURAL GAS DISTRIBUTION NETWORKS
- ELEKTRİK ÜRETİM VE DAĞITIMINDA /PRODUCING AND DISTRIBUTION OF ELECTRIC
- AKARYAKIT DOLUM TESİSLERİNDE /FOR OIL FILLED PLANTS
- ELEKTRİK SANTRALLERİNDE /ELECTRIC STATIONS
- ÜRETİM BANTLARINDA/PRODUCE CONVEYOR
- 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 ÜZERİNDE 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.

RAL 5015 MAVİ DK.* = PATLAYICI VE PARLAYICI ORTAMLARDA EX-PROOF BAĞLANTILARDA
RAL 5015 BLACK SHEATH* = IN EXPLOSIVE AND FLARE UP PLACES AS EX-PROOF CONNECTING

RRAL 9005 SİYAH DK.* = UV DAYANIMI İSTENEN YERLERDE
RAL 9005 BLACK SHEATH* = PLACES ARE REQUIRED UV RESISTANT

TEKNİK ÖZELLİKLER / TECHNICAL CHARACTERISTIC

DC ÇEVİRİM DİRENCİ DC LOOP RESISTANCE (MAX)	46 Ω/km
YALITIM DİRENCİ INSULATION RESISTANCE (MIN)	1000 MΩ km
ÇALIŞMA VOLTAJI OPERATING VOLTAGE	300 V
TEST VOLTAJI DAMAR/DAMAR TEST VOLTAGE CORE/CORE	1000 V
BÜKÜLME ÇAPI BENDING RADIUS	10xKablo Ø
KARAKTERİSTİK EMPEDANS BENDING RADIUS	100±20 Ø
İNDÜKTANS INDUCTANCE (APPROX)	YAKLAŞIK 0.7 mH/km
EFEKTİF KAPASİTE MUTUAL CAPACITY (MAX)	54 nF/km
ZAYIFLAMA (38.4 KHz) ATTENUATION	< 3 dB/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 MECHANICAL PROPERTIES OF OUTER SHEATH TENSILE DURABILITY	12,5 N/mm ² 12,5 N/mm ²
YALITIMIN MEKANİK ÖZELLİKLERİ KOPMA UZAMASI MECHANICAL PROPERTIES OF OUTER SHEATH BREAKING OF ELONGATION	%180 %180
YALITIMIN KÜTLE KAYBI DENEYİ: 7 GÜN 80°C (+/-2°C) MAST LOST TEST: (SHEALTH) 7 DAYS 80°C (+/-2°C)	0,04 mg/cm ² 0,04 mg/cm ²
YALITIMIN YÜKSEK SICAKLIKTA BASINÇ TESTİ: 4 h 80°C (+/-2°C) PRESSURE TEST AT HIGH TEMPERATURE: (SHEALTH) 4 h 80°C (+/-2°C)	EZİLME %21 CRUSH %21
YALITIMIN SOĞUKTA UZAMA TESTİ: (-15+2°C) TEST OF ELOGATION AT COLD: (SHEALTH) (-15+2°C)	%79 %79

