

PVC YALITIMLI ENSTRÜMAN KABLOLARI
PVC INSULATED INSTRUMENTATION CABLES
(EN 50288/7-BS 5308/2-VDE 0815-VDE 0816-IEC 502)
(EMC*)

RE-Y(St)Y-fl PİMF
RE-Y(St)Yv-fl PİMF



TMM RE-Y(St)Y-fl PİMF



KABLO YAPISI:

- 1- İLETKEN : IEC-60228 ;DIN VDE 0295;EN 60228
- 2- YALITKAN : DIN VDE 0207 BÖLÜM-4 YI3 PVC KOMPAUND
- 3- YALITIM RENK : BS- 5308 BÖLÜM-2 VEYA SİYAH-BEYAZ;
HER ÇİFT NUMARA KODLU
- 4- BİREYSEL EKTRAN : PES BANT,KALAYLI BAKIR TOPRAK TELİ
AL-PES BANT
- 5- BÜKÜM : EKTRANLANMIŞ ÇİFTLERİN KATLAR HALİNDE
BÜKÜMÜ VE 1 ADET HABERLEŞME DAMARI
- 6- AYIRICI BANT : PES BANT
- 7- GENEL EKTRAN : KALAYLI BAKIR TELLERDEN TOPRAK TELİ
AL-PES BANT
- 8- DIŞKILIF : DIN VDE 0207 BÖLÜM-5 YM1 PVC KOMPAUND
- 9- DIŞKILIF RENGİ : RAL 5015 MAVİ* ; RAL 9005* SİYAH
VEYA RAL 7032 GRİ*

- ❖ -ÇOK İYİ EMC* ÖZELLİK
- ❖ -ESNEK KABLO YAPISI
- ❖ -DÜŞÜK BÜKÜLME ÇAPI
- ❖ -ALEV GECİKTİRİCİ VE HİDRO KARBONLARA DİRENÇLİ

CONSTRUCTION:

- 1- CONDUCTOR : IEC-60228 ;DIN VDE 0295;EN 60228
- 2- INSULATION : DIN VDE 0207 PART-4 YI3 PVC COMPOUND
- 3- COLOUR CODE : BS-5308 PART-2 OR BLACK-WHITE;
EACH PAIR NUMBERED
- 4- INDIVIDUAL SCREEN : PES TAPE, TINNED COPPER DRAIN WIRE
AL-PES TAPE
- 5- STRANDING : PAIRWISE, SCREENED PAIRS IN LAYERS
AND 1 NUMBER COMMUNICATION CORE
- 6- WRAPPING : PES TAPE
- 7- OVERALL SCREEN : TINNED COPPER DRAIN WIRE;
AL-PES TAPE
- 8- SHEATH : DIN VDE 0207 PART-5 YM1 PVC COMPOUND
- 9- SHEATH COLOUR : RAL 5015* BLUE; RAL 9005* BLACK
OR RAL 7032 GREY*

- ❖ -VERY GOOD EMC* CHARACTERISTICS
- ❖ -FLEXIBLE
- ❖ -SMALL BENDING RADIUS
- ❖ -FLAME RETARDANT AND HYDROCARBON RESISTANT

KULLANIM ALANLARI:

- 1- ENSTRÜMAN VE KONTROL MÜHENDİSLİĞİNDE ANALOG VE DİJİTAL SİNYAL İLETİMİNDE
- 2- KİMYA ENDÜSTRİSİNDE
- 3- PETRO KİMYA ENDÜSTRİSİNDE
- 4- ENERJİ TESİSLERİNDE
- 5- KAPALI VE AÇIK ALANLARDA, KURU, RUTUBETLİ VE ISLAK ORTAMLARDA

fl* =ALEV GECİKTİRİCİ DIŞKILIF

Yv* =GÜÇLENDİRİLMİŞ DIŞKILIF

RAL 5015 MAVİ DK.* = PATLAYICI VE PARLAYICI ORTAMLARDA
EX-PROOF BAĞLANTILARDA

RAL 9005 SİYAH DK.* = UV DAYANIMI İSTENEN ORTAMLARDA
RAL 7032 GRİ DK.* = DAHİLİ ORTAMLARDA

APPLICATION:

- 1- INSTRUMENTATION AND CONTROL ENGINEERING AND ANALOG AND DIGITAL SIGNAL TRANSMISSION
- 2- IN CHEMISTRY INDUSTRY
- 3- PETROCHEMISTRY INDUSTRY
- 4- POWER PLANTS
- 5- INDOORS AND OUTDOORS, DRY, DAMP AND WET ENVIRONMENTS

fl* =FLAME RETARDANT OUTER SHEATH

Yv* =REINFORCED OUTER SHEATH

RAL 5015 BLUE SHEATH* = AT EX-PROOF CONNECTIONS IN EXPLOSIVE
AND IN FLAMMABLE ENVIRONMENTS.

RAL 9005 BLACK SHEATH* = PLACES WHERE UV RESISTANCE IS REQUIRED
RAL 7032 GREY SHEATH* = INSIDE OF BUILDINGS

TEKNİK ÖZELLİKLER/ TECHNICAL CHARACTERISTIC

- 1- İLETKEN DİRENCİ : 0.50 mm² = 39 Ω/km
CONDUCTOR RESISTANCE : 0.75 mm² = 26 Ω/km
(MAX) : 1.0 mm² = 19.5 Ω/km
: 1.5 mm² = 13.3 Ω/km
- 2- YALITIM DİRENCİ : 100 MΩXkm
INSULATION RESISTANCE
(MIN)
- 3- EFEKTİF KAPASİTE : 0.50 mm² = 220 pF/m
MUTUAL CAPACITY : 0.75 mm² = 220 pF/m
(MAX) : 1.0 mm² = 230 pF/m
: 1.5 mm² = 240 pF/m
- 4- L/R(RATIO) (MAX) : 0.50 mm² = 25 mH/Ω
: 0.75 mm² = 25 mH/Ω
: 1.0 mm² = 25 mH/Ω
: 1.50 mm² = 40 mH/Ω

- 5- AKIM TAŞIMA KAPASİTESİ : 0.50 mm² = 6.0 A
CURRENT LOAD(25°C) : 0.75 mm² = 13 A
: 1.0 mm² = 16 A
: 1.5 mm² = 20 A

- 6- ÇALIŞMA VOLTAJI : 300/500 V.
OPERATING VOLTAGE

- 7- TEST VOLTAJI : DAMAR/DAMAR=2000 V.
TEST VOLTAGE : (core/core)
DAMAR/EKTRAN=1000 V.
(core/screen)

- 8- BÜKÜLME ÇAPI : 10X Kablo Ø
BENDING RADIUS

- 9- ÇALIŞMA SICAKLIĞI : - 40°C~ +80°C (SABİT/FIXED LAYING)
TEMPERATURE RANGE

EMC* = ELEKTROMANYETİK UYUMLU
ELECTROMAGNETIC COMPATIBILITY

- 10- ALEV TESTİ : IEC 332-1;VDE 0482-265-2-1
FLAME TEST : EN 50265-2-1