



**Reference:** 10554380  
**Country Ref.:** 13-MYF28P10P-W1  
**EAN 13:** 8054803097509

#### CONTACT

Market information  
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Measuring systems low voltage cables according to FANUC standard for dynamic applications, shielded, resistant to oils, flame retardant

#### STANDARDS

**Product** UL and CSA approval

#### DESIGN

##### Insulation colour code

##### **10x2x28AWG:**

(White+Blue) (White+Yellow) (White+Green)  
 (White+Red) (White+Violet) (Brown+Blue)  
 (Brown+Yellow) (Brown+Green) (Brown+Red)  
 (Brown+Violet)

#### Normative references

##### **Oil resistant**

IEC 50363-4-1 (PVC)  
 IEC 50363-10-2 (PUR)

##### **Flame retardant**

IEC 60332-1-2  
 FT1  
 UL 1581  
 EN 50265-2-1



Halogen free  
**Yes**



Operating temp.  
 -20 ... 80 °C



Storage temperature, range  
 -50 ... 80 °C



Oil resistance  
 EN 50363-10-2



Flame retardant  
 IEC/EN 60332-1-2; FT1; UL 1581 FT1

**CHARACTERISTICS****Construction characteristics**

Construction type	10 x 2 x 28 AWG
Conductor material	Tinned copper
Insulation	Polyolefin
Insulation colour	Wht+Bl - Wht+Ye - Wht+Gre - Wht+Rd - Wht+Vio - Br+Bl - Br+Ye - Br+Gr - Br+Rd - Br+Vio
Lay Up	Please request detailed data sheet
Taping	Non woven tape
Shielding	80% tinned copper braid coverage
Outer sheath	PUR
Sheath colour	Violet
Halogen free	Yes

**Dimensional characteristics**

Nominal outer diameter	6.0 mm
Copper content	40 kg/km
Approximate weight	54 kg/km

**Electrical characteristics**

Rated Voltage U <sub>0</sub> /U	30 V
Test voltage	1500 V

**Mechanical characteristics**

Speed	180 m/min
Maximum acceleration	7 m/s <sup>2</sup>
Bending cycles	10 Mio.

**Usage characteristics**

Field of application	Dynamic
Minimum dynamic operating bending radius	10 (xD)
Operating temperature, range	-20 ... 80 °C
Storage temperature, range	-50 ... 80 °C
Oil resistance	EN 50363-10-2
Flame retardant	IEC/EN 60332-1-2; FT1; UL 1581 FT1