

MI Type # G

Cable Specification Sheet

1) CONSTRUCTION (SEE IMAGE):

Conductors: 5 x 16 AWG fine wire stranded (1.5mm)
 (According to DIN EN 60228)
 Insulation: TPE mixture
 Cable: 5 conductors around strain relief
 Shields: Bendable stable braid made of tinned copper wires
 (55% linear and approx. 80% optical coverage)
 Jacket: Low adhesion, abrasion resistant mixture on basis of PUR, adapted for
 e-chain requirements (according to DIN EN 50363-10-2)

2) PHYSICAL PROPERTIES:

CLASS 5.5.3.1.
5: Cables for perm. movement in e-chains for heavy duty apps.
 App radius: 6.8 x d. speed: up to 10 M/S
5: Travel distance up to 100 M
3: Oil-resistant (following DIN EN 50363-10-2)
1: No torsion

3) DYNAMIC INFORMATION/ TEMP. RATING

Temperature, flexible -40 °F to +176 °F (-20 °C to +80 °C)
 Temperature, fixed -58°F to +176°F (-50°C to +80°C)
 V Max., unsupported: 33 ft/s (10 m/s)
 UV resistance Medium

4) AGENCY APPROVALS

UL/CSA AWM: 1000V +80C	NEK 606 - STATUS 2009: Mud-resistant
IEC 60332-1-2, CEI 20-35, VW-1, FT-1: Flame Retardant	2011/65/EU (RoHS-II): Lead-free
NFFPA 79: Following NFPA 79-2012 Chapt. 12.9	CTP CERTIFIED: To NO. C-DE.PB49.B.0041
DNV CERTIFIED: TO DNV Type Testing – CERT. NO.: 61 935-14 HH	PV 3.10.7 – status 1992: Free from silicon which can affect paint adhesion
CLEAN ROOM: According to ISO Class 1. Outer jacket material complies with CF77.UL.05.12.D, tested by IPA according to standard 14644-1	

