EPE040/055A0J

CoverLine Rubber profile / Safety Edge

Rubber profile data
Dimensions in mm (Tolerances acc. To DIN ISO 3302-1 T1. E2) 41 x 55
Material EPDM, black
Delivery length 30 m
Weight 0.85 kg / m
Material hardness 65 Shore A
Accessory: Aluminium rail AP-G1
Accessory: End cap EN-C55

Safety edge data – assembled with ENT-R
Safety edge, designation ELE040/055A0Jx
Sensor length (min. / max.) 0.3 m / 6 m (longer on request)
Cable length (min. / max.) 0.5 m / 25 m
Actuating distance / Pre-travel (A / 100mm/s)* 10 mm
Actuating force (A / 100mm/s)* 100 N
Overtravel at 250 N (B1)* 11 mm
Overtravel at 400 N (B2)* 15 mm
Total travel at 600 N (C)* 26 mm
Operating temperature -10°C to 55°C
Max. temperature range -30°C to 75°C
End range with higher forces or inactive 25 mm
Switching angle 2 x 45°
Switching cycles > 10'000
Protection class IP65
Continuous current load at max. voltage 10 mA
Actuation resistance (typical / max.) < 200 Ohm / 500 Ohm
Standards EN 12978
EC type examination certificate E 6590 (Suva)

*Acc. to EN ISO 13856-2; Test piece Ø 80 mm; Test location c3; Test speed (A) 100 mm/s; Temp. 20°C
The actuating force and the deformation travels depend on the response time of the used signal processing unit.

Force-Travel Diagram, v = 100mm/s (A)