

# GAALFLEX® CONTROL H05V-K

# GAALFLEX® CONTROL H07V-K

PVC insulated single conductor 300/500 V and 450/750 V, Eca

HAR

ELETTRONIK KABEL® H05V-K Eca

## Construction:

**CONDUCTOR:** FLEXIBLE RED COPPER CONDUCTOR CL.5, ACC. TO IEC 60228, CEI-EN 60228, DIN VDE 0295, HD 383

**OUTER SHEATH:** BLACK (RAL 9005), PVC, TYPE TI1, FOR THE OTHER COLORATION, SEE TECHNICAL DATA (PAG. 169)

## Resistance:



**FLAME RETARDANT AND SELF-EXTINGUISHING ACC. TO:**  
IEC 60332-1-2  
EN 60332-1-2

## Technical data:

### NOMINAL VOLTAGE

H05V-K: Uo/U 300/500 V

H07V-K: Uo/U 450/750 V

**TEMPERATURE RANGE:** - 10°C UP TO + 70°C

### MIN. BENDING RADIUS:

H05V-K: 4 X D

H07V-K: 4 / 6 X D

## Features:

ACC. TO CPR UE 305/11, EN 50575:2014 + A1:2016, ECA

HARMONIZED ACC. TO EUROPEAN STANDARDS

INSULATION MATERIAL ACC. TO CEI 20-107-1, CEI 20-107-2-31, EN 50525-2-1, EN 50525-2-31 (HD 21.4 S3, HD 21.4 S3/A1)

TESTS ON MATERIALS ACC. TO CEI 20-107/2-1 (EN 50525-1, HD 21.1. S4), CEI 20-84 (EN 50396 HD 21.2 S3), CEI 20-34 (IEC 60811 HD 505)

<HAR> H05V-K, H07V-K

ROHS AND CE APPROVAL



## H05V-K

| Part no.       | Cross section<br>mm² | Outer-Ø<br>ca.mm<br>± 10% | Copper<br>weight<br>kg/km | Cable<br>weight approx.<br>kg/km | AWG<br>no. (*) |
|----------------|----------------------|---------------------------|---------------------------|----------------------------------|----------------|
| 31320D01010M05 | 0,5                  | 2,3                       | 4,8                       | 10                               | 20             |
| 31320D01010M07 | 0,75                 | 2,4                       | 7,2                       | 12                               | 19             |
| 31320D01010M10 | 1                    | 2,6                       | 9,6                       | 15                               | 18             |

## H07V-K

| Part no.       | Cross section<br>mm² | Outer-Ø<br>ca.mm<br>± 10% | Copper<br>weight<br>kg/km | Cable<br>weight approx.<br>kg/km | AWG<br>no. (*) |
|----------------|----------------------|---------------------------|---------------------------|----------------------------------|----------------|
| 31320E01010M15 | 1,5                  | 3,1                       | 14,4                      | 21                               | 16             |
| 31320E01010M25 | 2,5                  | 3,8                       | 24                        | 32                               | 14             |
| 31320E01010M40 | 4                    | 4,4                       | 38,4                      | 47                               | 12             |
| 31320E01010M60 | 6                    | 4,9                       | 57,6                      | 65                               | 10             |
| 31320E01010M61 | 10                   | 6,3                       | 96                        | 110                              | 8              |
| 31320E01010M62 | 16                   | 7,4                       | 153,6                     | 170                              | 6              |
| 31320E01010M63 | 25                   | 9,3                       | 240                       | 255                              | 4              |
| 31320E01010M64 | 35                   | 10,7                      | 336                       | 345                              | 2              |
| 31320E01010M65 | 50                   | 12,7                      | 480                       | 495                              | 1              |
| 31320E01010M66 | 70                   | 14,6                      | 672                       | 680                              | 2/0            |
| 31320E01010M67 | 95                   | 16,7                      | 912                       | 900                              | 3/0            |
| 31320E01010M68 | 120                  | 18,5                      | 1152                      | 1135                             | 4/0            |
| 31320E01010M69 | 150                  | 20,6                      | 1440                      | 1410                             | 250 MCM        |
| 31320E01010M70 | 185                  | 22,8                      | 1776                      | 1920                             | 350 MCM        |
| 31320E01010M71 | 240                  | 26                        | 2304                      | 2260                             | 450 MCM        |

Other dimension and colours available on request.