



# DATA SHEET

160xxx

**NYM-O-J**

|              |            |
|--------------|------------|
| valid from : | 01.09.2000 |
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## Application

NYM are single or multicore PVC sheathed cables intended for fixed installation over, on, in and under the plastering in dry, damp and wet locations as well as in masonry and concrete, but not for direct embedding of compressed and vibrated concrete. They are suitable for outdoor use, if there is a protection of sunlight.

## Design

|                     |                                                                                                                                             |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|
| Core Identification | colour-coded up to 5 cores in acc. to VDE 0293 (HD 186), more than 5 cores black with white numbers, with or without gn/ye earth conductor. |
|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------|

### Electrical properties at 20° C

|                 |           |
|-----------------|-----------|
| Nominal voltage | 300/500 V |
|-----------------|-----------|

|              |        |
|--------------|--------|
| Test voltage | 2000 V |
|--------------|--------|

## Mechanical and thermal properties

|                       |                      |                       |
|-----------------------|----------------------|-----------------------|
| Temperature range for | fixed installation:  | - 40 °C up to + 70 °C |
|                       | during installation: | - 5 °C up to + 60 °C  |
|                       | at conductor:        | max. + 70 °C          |

Flame retardant acc. to IEC 60 332.1 resp. VDE 0482 Teil 265-2-1

|          |                                                                                                                                                                              |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Approval | The cables are approved in accordance to VDE 0250 part 204.<br>Marking is effected by imprinting / embossing of the jacket<br>or by the black-red VDE identification thread. |
|----------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

EC directive                      This cable confirms to ECD 73/23/EEC (low voltage directive).